

# Weighted Academic Level Index System

## 加权学术水平指数系统

Weighted Academic Level Index on March 2026

加权学术水平指数 2026年3月

### MOLECULAR BIOLOGY & GENETICS 分子生物与遗传学

Top 7976 Scholars on the World

世界 7976位一流学者

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Institute of Supply Chain Management 供应链学会

Address: 6/F Bangkok Bank Building, 490 Nathan Road, Hong Kong

Email: linhua038@aliyun.com

	Name of Scholar 学者名称	Number of SCI & SSCI Papers SCI和SSCI文章数	WAL Index 加权学术水平指数	RWAL Index 相对加权学术水平指数 (第一名Top one 100 )
1	TAMURA, K	95	96834724	100
2	MINH, BQ	15	72956837	75.3416
3	VON HAESELER, A	28	39951247	41.2571
4	GETZ, G	113	36424569	37.6152
5	SMIBERT, P	11	31895521	32.9381
6	GABRIEL, SB	36	29831769	30.8069
7	BANKS, E	22	27940471	28.8538
8	SATIJA, R	37	27379082	28.2740
9	KASHIN, S	12	26557885	27.4260
10	HOFFMAN, P	12	26379665	27.2419
11	DALY, MJ	161	26186672	27.0426
12	STOCKWELL, BR	48	25373667	26.2031
13	KUMAR, S	916	23148099	23.9048

14	BUTLER, A	20	22906561	23. 6553
15	CHERNIACK, AD	51	22634811	23. 3747
16	AKBANI, R	33	20509974	21. 1804
17	RITCHIE, GRS	13	20125420	20. 7833
18	CUNNINGHAM, F	12	19853269	20. 5022
19	RIPKE, S	56	19430073	20. 0652
20	SALEHEEN, D	62	19158749	19. 7850
21	HOADLEY, KA	39	19069519	19. 6929
22	MACARTHUR, DG	83	18952883	19. 5724
23	HANDEAKER, RE	32	18811475	19. 4264
24	GIL, L	13	18789653	19. 4038
25	NEALE, BM	111	18491236	19. 0957
26	RAEDER, B	11	18356762	18. 9568
27	HAUSSLER, D	42	17871337	18. 4555
28	PURCELL, SM	23	17238615	17. 8021
29	HUNT, SE	16	17185253	17. 7470
30	LEK, M	64	17016636	17. 5729
31	TIAO, G	17	16860248	17. 4114
32	LANDER, ES	71	16160131	16. 6884
33	MCCARROLL, SA	61	15916017	16. 4363
34	DELANEAU, O	40	15597512	16. 1074
35	BOWLBY, R	21	15572856	16. 0819
36	BHATIA, G	12	15043886	15. 5356
37	REGEV, A	160	14816550	15. 3009
38	DE LA VEGA, FM	11	14720535	15. 2017
39	MINIKEL, EV	12	14614710	15. 0924
40	CHURCHHOUSE, C	19	14613451	15. 0911
41	CUMMINGS, BB	18	14396924	14. 8675
42	SAKSENA, G	11	14318421	14. 7865
43	CONRAD, M	34	14148759	14. 6112
44	LAIRD, PW	40	14063588	14. 5233

45	GOTTARDO, R	11	14018804	14. 4770
46	LANFEAR, R	20	13946170	14. 4020
47	MCCARTHY, MI	115	13824767	14. 2767
48	AUMAN, JT	11	13820820	14. 2726
49	ROBERTSON, AG	29	13656862	14. 1033
50	TUKIAINEN, T	26	13644451	14. 0905
51	SCHEIN, JE	11	13597559	14. 0420
52	SIMPSON, JT	15	13546954	13. 9898
53	DHALLA, N	11	13360637	13. 7974
54	MEYERSON, M	56	13333234	13. 7691
55	VAN DEN BERG, DJ	14	13279536	13. 7136
56	JOSTINS, L	16	13218714	13. 6508
57	FLICEK, P	94	13149070	13. 5789
58	HILL, AJ	12	13143998	13. 5736
59	FERGUSON, ML	11	13040797	13. 4671
60	WILKERSON, MD	15	12875154	13. 2960
61	AWADALLA, P	17	12668047	13. 0821
62	LAWRENCE, MS	52	12644583	13. 0579
63	ANTAKI, D	13	12609035	13. 0212
64	MALIG, M	12	12419565	12. 8255
65	PÖHLMANN, S	15	12416041	12. 8219
66	SCHUMACHER, SE	19	12391508	12. 7966
67	ESKO, T	186	12331232	12. 7343
68	DERMITZAKIS, ET	49	12275008	12. 6762
69	WALTERS, RK	16	12264004	12. 6649
70	KOSMICKI, JA	30	12258514	12. 6592
71	ERLICH, Y	11	12258092	12. 6588
72	ALLY, A	12	12251343	12. 6518
73	MAYO, M	13	12235532	12. 6355
74	HABEGGER, L	13	12159977	12. 5575
75	KHURANA, E	22	12131693	12. 5282

76	STENSON, PD	34	12057089	12. 4512
77	MOSE, LE	12	12012003	12. 4046
78	PEDAMALLU, CS	17	11995200	12. 3873
79	ALNEMRI, ES	11	11993451	12. 3855
80	DANESH, J	80	11987713	12. 3796
81	KRÜGER, N	11	11985141	12. 3769
82	SCHULTZ, N	66	11901666	12. 2907
83	OVERHOLTZER, M	20	11871864	12. 2599
84	DONNELLY, P	33	11751995	12. 1361
85	GEHLENBORG, N	14	11600736	11. 9799
86	HAO, YH	29	11264440	11. 6326
87	TALIUN, D	18	11195959	11. 5619
88	SABATINI, DM	68	11122229	11. 4858
89	LAPPALAINEN, T	57	11121626	11. 4852
90	LEVINE, B	35	11105262	11. 4683
91	SANDER, C	38	11086168	11. 4485
92	STALKER, J	12	11032298	11. 3929
93	METSPALU, A	167	11030869	11. 3914
94	DROSTEN, C	21	10808800	11. 1621
95	MARTIN, AR	55	10739695	11. 0907
96	NING, ZM	11	10735618	11. 0865
97	KROEMER, G	242	10671272	11. 0201
98	DEVINE, SE	15	10666522	11. 0152
99	MÜLLER, MA	11	10593781	10. 9401
100	ODONNELL-LURIA, AH	16	10513741	10. 8574
101	RATHMELL, WK	22	10476946	10. 8194
102	THIESSEN, N	17	10453904	10. 7956
103	ABECASIS, GR	106	10441162	10. 7825
104	STEVENS, C	33	10325226	10. 6627
105	BOEHNKE, M	134	10279465	10. 6155
106	GALLUZZI, L	72	10279409	10. 6154

107	TAM, A	28	10190775	10. 5239
108	SAMOCHA, KE	30	10137291	10. 4687
109	FROMER, M	14	10018349	10. 3458
110	AUTON, A	43	9994830	10. 3215
111	KATHIRESAN, S	89	9968481	10. 2943
112	MU, XJ	16	9919413	10. 2437
113	JEWELL, SD	12	9902686	10. 2264
114	LEBLEU, VS	15	9895033	10. 2185
115	VISSCHER, PM	159	9891498	10. 2148
116	KARCZEWSKI, KJ	47	9884664	10. 2078
117	PARRISH, NF	13	9785886	10. 1058
118	WEISBURD, B	18	9760849	10. 0799
119	BEROUKHIM, R	63	9745187	10. 0637
120	DANECEK, P	27	9741666	10. 0601
121	WONG, B	17	9729732	10. 0478
122	LINDSAY, SJ	11	9704538	10. 0218
123	TUOMILEHTO, J	53	9698401	10. 0154
124	POSTHUMA, D	70	9676467	9. 9928
125	HORMOZDIARI, F	52	9600993	9. 9148
126	SEBAT, J	20	9462752	9. 7721
127	CASALE, FP	16	9434174	9. 7426
128	WEINSTEIN, JN	31	9429337	9. 7376
129	SHELTON, C	11	9423025	9. 7310
130	SULLIVAN, PF	91	9408875	9. 7164
131	HULTMAN, CM	34	9408047	9. 7156
132	CARMONA-GUTIERREZ,	16	9375844	9. 6823
133	CHONG, ZC	19	9352061	9. 6578
134	SCHROEDER, S	15	9328349	9. 6333
135	DUNHAM, I	15	9326733	9. 6316
136	TANG, DL	118	9268478	9. 5714
137	MARCKETTA, A	17	9257457	9. 5601

138	MCCARTHY, S	35	9240719	9. 5428
139	GENOVESE, G	55	9192318	9. 4928
140	FERREIRA, PG	14	9033799	9. 3291
141	PALOTIE, A	147	9021583	9. 3165
142	NARECHANIA, A	11	9018282	9. 3131
143	ZHAN, YP	11	9007474	9. 3019
144	MOORE, HM	11	9005673	9. 3000
145	LEHRACH, H	18	8994468	9. 2885
146	FULTON, L	13	8987251	9. 2810
147	GOLDSTEIN, J	20	8908455	9. 1996
148	LADANYI, M	45	8887956	9. 1785
149	POZNIK, GD	13	8869588	9. 1595
150	SKLAR, P	30	8865029	9. 1548
151	DUNN, M	17	8863287	9. 1530
152	STRATTON, MR	74	8844555	9. 1337
153	DODDAPANENI, H	37	8826907	9. 1154
154	RYAN, KM	33	8815394	9. 1035
155	BÄCKHED, F	31	8786565	9. 0738
156	REVERTER, F	15	8769197	9. 0558
157	STEFANSSON, K	238	8763616	9. 0501
158	LAZAR, AJ	53	8754909	9. 0411
159	KURKI, MI	14	8748464	9. 0344
160	YASPO, ML	26	8705789	8. 9904
161	WEINBERG, RA	22	8696593	8. 9809
162	TISHKOFF, S	15	8691382	8. 9755
163	SANDOVAL, K	13	8685480	8. 9694
164	KONKEL, MK	15	8676126	8. 9597
165	GARRAWAY, LA	32	8570814	8. 8510
166	SALOMAA, V	119	8555492	8. 8351
167	FUCHSBERGER, C	66	8533553	8. 8125
168	MADEO, F	54	8531511	8. 8104

169	HERWIG, R	11	8518400	8. 7968
170	KUNDRA, R	16	8494252	8. 7719
171	MELINO, S	11	8481471	8. 7587
172	HOLT, RA	18	8435148	8. 7109
173	GERSTEIN, MB	36	8431203	8. 7068
174	RAUSCH, T	25	8412320	8. 6873
175	SANCHEZ-VEGA, F	27	8377882	8. 6517
176	NELSON, BJ	22	8368952	8. 6425
177	CHUAH, E	18	8365386	8. 6388
178	RODRIGUEZ-FLORES,	12	8326668	8. 5988
179	CLEVERS, H	185	8314036	8. 5858
180	VOLPI, S	13	8313577	8. 5853
181	BAEHRECKE, EH	33	8302152	8. 5735
182	HUDDLESTON, J	21	8282064	8. 5528
183	KALLURI, R	29	8276980	8. 5475
184	LINKERMANN, A	37	8264706	8. 5349
185	SHMULEVICH, I	23	8257162	8. 5271
186	SHIH, J	19	8247359	8. 5169
187	JAMES, T	15	8239142	8. 5085
188	BERNSTEIN, BE	54	8213400	8. 4819
189	ALKAN, C	16	8189642	8. 4573
190	STEGLE, O	81	8178250	8. 4456
191	MUNGALL, AJ	52	8156856	8. 4235
192	SCHAFFNER, SF	18	8145966	8. 4122
193	PHAN, L	12	8141154	8. 4073
194	JOUNG, J	14	8116844	8. 3822
195	DO, R	45	8100163	8. 3649
196	MARTH, GT	14	8077267	8. 3413
197	ZHANG, Y	6745	7963686	8. 2240
198	BOWEN, J	14	7944196	8. 2039
199	FULDA, S	58	7911418	8. 1700

200	ESTRADA, K	25	7905095	8.1635
201	SIDORE, C	31	7881619	8.1392
202	PANARETAKIS, T	12	7858627	8.1155
203	JONES, CD	21	7843371	8.0998
204	GEWIRTZ, DA	11	7835696	8.0918
205	STUART, J	11	7813784	8.0692
206	CEREZO, M	15	7765887	8.0197
207	MAKAROV, V	27	7763393	8.0172
208	GREEN, DR	80	7734633	7.9875
209	LAGE, K	17	7719969	7.9723
210	ZAKERI, Z	12	7713637	7.9658
211	COPE, L	12	7707256	7.9592
212	WALTER, K	39	7700759	7.9525
213	FELAU, I	16	7681268	7.9323
214	WANG, J	4957	7668091	7.9187
215	LAAKSO, M	119	7656727	7.9070
216	ZENKLUSEN, JC	22	7646464	7.8964
217	MILLS, GB	124	7645465	7.8954
218	ABUDAYYEH, OO	17	7640663	7.8904
219	SHAO, HJ	14	7560240	7.8074
220	KANG, R	96	7524205	7.7702
221	BOERWINKLE, E	231	7506984	7.7524
222	AMIT, I	70	7506595	7.7520
223	GOOTENBERG, JS	19	7505905	7.7513
224	WIZNEROWICZ, M	22	7481103	7.7256
225	CAMPANELLA, M	20	7446881	7.6903
226	KELLIS, M	83	7440638	7.6839
227	WARD, LD	13	7423899	7.6666
228	DIXON, SJ	35	7411498	7.6538
229	ARDLIE, KG	30	7407288	7.6494
230	OLEKSYK, TK	13	7390708	7.6323

231	SIMON, HU	37	7346442	7. 5866
232	WEISENBERGER, DJ	22	7310539	7. 5495
233	FINUCANE, HK	42	7307525	7. 5464
234	YAU, C	40	7280270	7. 5182
235	MARCHINI, J	44	7277897	7. 5158
236	ELINAV, E	45	7271416	7. 5091
237	KWIATKOWSKI, D	15	7267667	7. 5052
238	REUTER, VE	13	7261544	7. 4989
239	NITSCHKE, A	15	7257890	7. 4951
240	MILANI, L	106	7247441	7. 4843
241	TAYLOR, BS	30	7236309	7. 4728
242	WARGO, JA	33	7210884	7. 4466
243	FULTON, R	15	7202314	7. 4377
244	SHETH, M	12	7192039	7. 4271
245	BLISH, CA	15	7163632	7. 3978
246	GUDNASON, V	109	7145029	7. 3786
247	THOMAS, JA	13	7144004	7. 3775
248	KORBEL, JO	73	7139313	7. 3727
249	WON, HH	34	7111793	7. 3443
250	GAUTHIER, L	14	7024806	7. 2544
251	LUNTER, G	15	7021945	7. 2515
252	WALLS, AC	19	7021130	7. 2506
253	BURTON, J	17	7011976	7. 2412
254	MILLS, RE	25	7000258	7. 2291
255	FRIEDMAN, SL	20	6992714	7. 2213
256	TAIT, SWG	46	6987259	7. 2157
257	BOYA, P	34	6968112	7. 1959
258	XAVIER, RJ	94	6954496	7. 1818
259	BENZ, C	23	6943147	7. 1701
260	LAM, H	16	6941934	7. 1688
261	TURK, B	17	6933823	7. 1605

262	LI, Y	5450	6929736	7. 1563
263	ZOU, WP	29	6921776	7. 1480
264	RUBINSZTEIN, DC	68	6915347	7. 1414
265	BROOKS, D	23	6903710	7. 1294
266	HERNANDEZ, RD	21	6898313	7. 1238
267	BUSTAMANTE, CD	69	6888244	7. 1134
268	HAYES, DN	24	6886574	7. 1117
269	GIEDRAITIS, V	39	6884578	7. 1096
270	SABO, A	15	6868201	7. 0927
271	BROWNING, BL	32	6862531	7. 0868
272	NGUYEN, LT	66	6846989	7. 0708
273	NOOR, A	21	6830842	7. 0541
274	TIROSH, I	41	6777855	6. 9994
275	MURRAY, L	15	6777793	6. 9993
276	SABETI, PC	40	6774031	6. 9955
277	JIANG, XJ	154	6766743	6. 9879
278	MIHAILOV, E	40	6757580	6. 9785
279	CLARKE, D	19	6738422	6. 9587
280	BERNASSOLA, F	12	6721560	6. 9413
281	KEINAN, A	17	6715843	6. 9354
282	PALMER, CD	13	6687453	6. 9060
283	CAMPBELL, CL	16	6658929	6. 8766
284	WELCH, R	16	6643558	6. 8607
285	ELOSUA, R	22	6642906	6. 8600
286	GILL, M	35	6621092	6. 8375
287	ROZENBLATT-ROSEN,	58	6615259	6. 8315
288	DEBERARDINIS, RJ	82	6581342	6. 7965
289	GARG, AD	26	6581313	6. 7964
290	MONTGOMERY, GW	131	6574832	6. 7897
291	TEUMER, A	91	6568713	6. 7834
292	VAN ALLEN, EM	55	6554692	6. 7689

293	MIECZKOWSKI, PA	24	6546905	6. 7609
294	MARRA, MA	74	6538091	6. 7518
295	HUTTER, CM	16	6536996	6. 7507
296	POTERBA, T	16	6528025	6. 7414
297	TSUANG, MT	13	6520674	6. 7338
298	THORBURN, A	23	6505345	6. 7180
299	ZHAN, XW	30	6444968	6. 6556
300	REID, JG	24	6427350	6. 6374
301	CECCONI, F	60	6414497	6. 6242
302	CLARKE, R	46	6408874	6. 6184
303	BARUCH, K	13	6407884	6. 6173
304	JÄÄTTELÄ, M	31	6400538	6. 6098
305	WHEELER, DA	38	6389399	6. 5983
306	MALORNI, W	23	6388779	6. 5976
307	JUN, G	33	6367658	6. 5758
308	UITTERLINDEN, AG	200	6347485	6. 5550
309	CHU, JY	15	6342734	6. 5501
310	TURLEY, P	17	6332992	6. 5400
311	ARDISSINO, D	18	6319013	6. 5256
312	HAYWARD, C	175	6314318	6. 5207
313	CAO, HZ	18	6310708	6. 5170
314	CHAMBERS, JC	74	6308304	6. 5145
315	VITALE, I	18	6307121	6. 5133
316	SAXTON, RA	13	6269585	6. 4745
317	TORTORICI, MA	16	6231239	6. 4349
318	MATHIESON, I	32	6218930	6. 4222
319	DANILOVA, L	24	6201626	6. 4043
320	LI, M	1955	6198886	6. 4015
321	COUSSENS, LM	14	6197828	6. 4004
322	KIMMELMAN, AC	23	6195303	6. 3978
323	HESS, JM	18	6185793	6. 3880

324	PEROU, CM	48	6161871	6. 3633
325	MEDEMA, JP	44	6131453	6. 3319
326	WAREHAM, NJ	119	6120609	6. 3207
327	KEANE, TM	19	6103762	6. 3033
328	GYMREK, M	24	6100457	6. 2999
329	WANG, Y	6426	6099979	6. 2994
330	BARNES, KC	35	6083551	6. 2824
331	CAMPBELL, PJ	103	6073421	6. 2719
332	KUCHERLAPATI, R	13	6071148	6. 2696
333	LEHTIMÄKI, T	132	6046776	6. 2444
334	LOH, PR	58	6045179	6. 2428
335	SHEKHAR, K	11	6044316	6. 2419
336	RIVAS, MA	56	5982153	6. 1777
337	CIRIELLO, G	34	5968228	6. 1633
338	LANGENBERG, C	128	5926212	6. 1199
339	POLETTI, G	22	5905190	6. 0982
340	KANG, HM	97	5892605	6. 0852
341	PATTERSON, N	64	5880031	6. 0722
342	HERRERO, J	37	5878405	6. 0706
343	SMITH, GD	160	5876257	6. 0683
344	BOEHM, JS	24	5864731	6. 0564
345	MUZNY, D	42	5860626	6. 0522
346	XU, AW	12	5853458	6. 0448
347	ZHANG, F	1268	5852895	6. 0442
348	PEDERSEN, NL	86	5847543	6. 0387
349	HOTTENGA, JJ	118	5839575	6. 0305
350	BATZER, MA	23	5833315	6. 0240
351	ABYZOV, A	32	5826025	6. 0165
352	FIMIA, GM	45	5821259	6. 0115
353	GASTIER-FOSTER, JM	22	5817484	6. 0076
354	HADJIPANAYIS, A	12	5796300	5. 9858

355	BOTTINGER, EP	63	5796142	5. 9856
356	RIDKER, PM	87	5775001	5. 9638
357	SULTAN, M	20	5774900	5. 9637
358	MOORE, RA	36	5765537	5. 9540
359	GUPTA, N	190	5762275	5. 9506
360	MYERS, S	22	5740595	5. 9282
361	VANDEN BERGHE, T	23	5735035	5. 9225
362	ZMORA, N	13	5727671	5. 9149
363	DELOUKAS, P	76	5722129	5. 9092
364	GARDNER, EJ	29	5717774	5. 9047
365	MONTGOMERY, SB	70	5702891	5. 8893
366	VANDENABEELE, P	76	5698676	5. 8850
367	ST CLAIR, D	19	5679535	5. 8652
368	CRAIG, DW	24	5679421	5. 8651
369	MARTIN, NG	187	5677262	5. 8628
370	SEIDMAN, J	14	5655302	5. 8402
371	KOONER, JS	64	5650034	5. 8347
372	MARDIS, ER	47	5647459	5. 8321
373	PEDERSEN, MG	19	5646767	5. 8313
374	ANTUNES, L	20	5642406	5. 8268
375	HE, C	379	5637479	5. 8218
376	AMOUYEL, P	43	5629040	5. 8130
377	TAVERNARAKIS, N	54	5627224	5. 8112
378	RASHEED, A	47	5626652	5. 8106
379	MEDLAND, SE	81	5620593	5. 8043
380	CLARKE, L	47	5612078	5. 7955
381	HYMAN, AA	55	5603875	5. 7871
382	SUDMANT, PH	29	5598580	5. 7816
383	INGELSSON, E	96	5593730	5. 7766
384	HARRIS, TB	76	5580356	5. 7628
385	ARAMA, E	14	5576753	5. 7590

386	MURPHY, ME	23	5576317	5. 7586
387	PEROLA, M	91	5571606	5. 7537
388	DEDOUSSIS, G	58	5566307	5. 7483
389	HELLMANN, MD	25	5554506	5. 7361
390	WILSON, RK	63	5552360	5. 7339
391	FITZGERALD, T	19	5549033	5. 7304
392	LIU, J	3279	5528483	5. 7092
393	LIU, Y	5223	5500307	5. 6801
394	SHABALIN, AA	12	5486443	5. 6658
395	KAMITAKI, N	15	5467379	5. 6461
396	SPECTOR, TD	163	5455752	5. 6341
397	COLONNA, V	20	5453857	5. 6321
398	GOLUB, TR	43	5432545	5. 6101
399	VIRGIN, HW	27	5416334	5. 5934
400	BROWNING, SR	40	5394241	5. 5706
401	BRYOIS, J	24	5388395	5. 5645
402	WALENZ, BP	12	5388113	5. 5642
403	WILSON, JG	111	5371007	5. 5466
404	PANTAZI, A	13	5364515	5. 5399
405	TIAN, ZM	20	5362337	5. 5376
406	THORSSON, V	12	5358697	5. 5339
407	MARTIN, SJ	28	5354179	5. 5292
408	BALASUBRAMANIAM, S	18	5351923	5. 5269
409	GIBBS, RA	179	5335094	5. 5095
410	KIDD, JM	28	5333978	5. 5083
411	NOUSHMEHR, H	21	5333303	5. 5076
412	PERS, TH	53	5332281	5. 5066
413	GIEGER, C	140	5328493	5. 5027
414	YENGO, L	67	5320195	5. 4941
415	FERRUCCI, L	154	5319871	5. 4938
416	MORENO-ESTRADA, A	30	5313905	5. 4876

417	PARKER, JS	39	5309478	5. 4830
418	CHU, CT	13	5304346	5. 4777
419	JONES, SJM	74	5301542	5. 4748
420	HETZ, C	52	5288319	5. 4612
421	ODONOVAN, MC	65	5287038	5. 4599
422	KLEINMAN, A	14	5272996	5. 4454
423	FRANKE, L	116	5248866	5. 4204
424	ZHAO, FM	11	5204046	5. 3742
425	MAHAJAN, A	136	5203813	5. 3739
426	ADAMS, PD	83	5202481	5. 3725
427	LOUZADA, S	23	5192221	5. 3619
428	HARTMAN, CA	31	5172582	5. 3417
429	GABRIEL, S	54	5168335	5. 3373
430	WRAY, NR	128	5159387	5. 3280
431	SHRIVER, MD	20	5156201	5. 3247
432	LINDGREN, CM	82	5133559	5. 3014
433	MATTHEISEN, M	44	5127227	5. 2948
434	MORRIS, AP	136	5126531	5. 2941
435	KIMCHI, A	24	5125373	5. 2929
436	CHAKRAVARTI, A	77	5115564	5. 2828
437	WESTRA, HJ	45	5102470	5. 2693
438	GAO, JJ	127	5090285	5. 2567
439	QUON, G	11	5085047	5. 2513
440	HOFMAN, A	126	5075302	5. 2412
441	BAYLIN, SB	40	5069440	5. 2351
442	CHASMAN, DI	86	5027781	5. 1921
443	ZHAO, MR	20	5003000	5. 1665
444	LI, J	4676	5000092	5. 1635
445	MONLONG, J	18	4992832	5. 1560
446	SWAROOP, A	64	4985742	5. 1487
447	OJESINA, AI	15	4984736	5. 1477

448	BRISTOW, CA	20	4982016	5.1449
449	RUDERFER, DM	29	4981275	5.1441
450	LUO, RB	19	4970465	5.1329
451	BREEN, G	65	4969078	5.1315
452	ZHANG, J	3979	4961691	5.1239
453	EICHLER, EE	172	4959641	5.1218
454	WARE, JS	43	4959179	5.1213
455	PERVAIZ, S	16	4948356	5.1101
456	LAN, TM	20	4932231	5.0935
457	LIND, L	89	4929641	5.0908
458	MARTINCORENA, I	69	4929629	5.0908
459	ALEXANDROV, LB	77	4923184	5.0841
460	PRICE, AL	78	4915614	5.0763
461	VAN DUIJN, CM	164	4911332	5.0719
462	WILSON, JF	127	4902765	5.0630
463	WANG, X	3166	4895419	5.0554
464	DAWSON, VL	28	4891386	5.0513
465	PHILLIPPY, AM	54	4885894	5.0456
466	CHEN, Y	3142	4879825	5.0393
467	BASELGA, J	24	4857354	5.0161
468	BRAVO-SAN PEDRO, J	32	4840747	4.9990
469	GAVATHIOTIS, E	24	4833917	4.9919
470	GALLO, C	28	4833046	4.9910
471	SCHERAG, A	11	4829983	4.9879
472	GORDON, SD	43	4825052	4.9828
473	ALLISON, JP	18	4818453	4.9760
474	SCOTT, RA	73	4808782	4.9660
475	TUNG, JY	37	4804547	4.9616
476	NICOLAE, DL	19	4794142	4.9509
477	GLATT, SJ	25	4785594	4.9420
478	YANG, J	2345	4782038	4.9384

479	CHAN, TA	49	4781135	4. 9374
480	RUIZ-LINARES, A	30	4759287	4. 9149
481	PERRY, JRB	84	4758534	4. 9141
482	CAMPBELL, H	78	4756751	4. 9122
483	THOMPSON, CB	42	4747621	4. 9028
484	SWANTON, C	92	4746108	4. 9012
485	GRAVEL, S	33	4737137	4. 8920
486	STANCÁKOVÁ, A	25	4721060	4. 8754
487	LOOS, RJF	192	4718006	4. 8722
488	CHOI, AMK	13	4716087	4. 8702
489	SHAW, R	26	4709911	4. 8639
490	PALMER, CNA	56	4695053	4. 8485
491	MORGANELLA, S	12	4693777	4. 8472
492	MCPHERSON, R	33	4691758	4. 8451
493	OWEN, MJ	64	4687138	4. 8403
494	STEFANSSON, H	58	4685981	4. 8392
495	FURLOTTE, NA	30	4681501	4. 8345
496	EPSTEIN, CB	13	4670369	4. 8230
497	VEESLER, D	33	4667653	4. 8202
498	RADHAKRISHNAN, R	22	4661661	4. 8140
499	STORDAL, E	12	4657548	4. 8098
500	HIRSCHHORN, JN	65	4655691	4. 8079
501	IM, HK	51	4650794	4. 8028
502	ZHANG, H	2923	4646928	4. 7988
503	NÖTHEN, MM	118	4646238	4. 7981
504	KOREN, S	59	4639103	4. 7907
505	AGERBO, E	31	4631283	4. 7827
506	KARLIC, R	11	4628046	4. 7793
507	KIM, J	1652	4623196	4. 7743
508	DI DANIELE, N	22	4621241	4. 7723
509	MÁGI, R	118	4616652	4. 7676

510	GARCIA, ME	15	4608201	4. 7588
511	HANSEN, CS	24	4607796	4. 7584
512	JOSEPH, B	34	4606646	4. 7572
513	AGOSTINIS, P	40	4587353	4. 7373
514	TAN, A	23	4579556	4. 7292
515	LEE, JJ	142	4576324	4. 7259
516	SHORESH, N	18	4570282	4. 7197
517	DAWSON, TM	33	4569634	4. 7190
518	SHALEK, AK	55	4557241	4. 7062
519	RAITAKARI, OT	91	4554919	4. 7038
520	FORD, I	35	4553964	4. 7028
521	PEDERSEN, CB	25	4553956	4. 7028
522	ZHENG, SW	20	4553442	4. 7023
523	ABIDA, W	14	4551986	4. 7008
524	VAN LOO, P	56	4551462	4. 7002
525	SOININEN, H	17	4538781	4. 6871
526	ECKER, JR	47	4535947	4. 6842
527	MACLEOD, KF	14	4533781	4. 6820
528	STEINBERG, S	22	4529133	4. 6772
529	MORRIS, AD	30	4527968	4. 6760
530	ASSIMES, TL	77	4516173	4. 6638
531	POON, BK	11	4513315	4. 6608
532	TROMPET, S	71	4510866	4. 6583
533	HURLES, ME	66	4510107	4. 6575
534	CADWELL, K	11	4494075	4. 6410
535	KENNY, EE	76	4491700	4. 6385
536	CHANDEL, NS	67	4489841	4. 6366
537	SANDUSKY, G	16	4489123	4. 6359
538	ALBERTI, S	64	4483245	4. 6298
539	BAILEY, MH	18	4472004	4. 6182
540	SEKI, E	16	4467960	4. 6140

541	PARKER, M	42	4458384	4. 6041
542	HEATH, AC	33	4449851	4. 5953
543	PIETROCOLA, F	38	4441835	4. 5870
544	WEYAND, CM	12	4437160	4. 5822
545	MELÉ, M	15	4432514	4. 5774
546	HOWRIGAN, DP	17	4431921	4. 5768
547	RIBAS, A	50	4427693	4. 5724
548	DIONNE, D	24	4417825	4. 5622
549	MAGNUSSON, PKE	84	4417391	4. 5618
550	ARMENIA, J	15	4415109	4. 5594
551	KRISTIANSSON, K	26	4412504	4. 5567
552	WRIGHT, FA	20	4412362	4. 5566
553	PASKO, D	13	4392960	4. 5366
554	SPAN, PN	17	4391194	4. 5347
555	HALPERIN, E	25	4387349	4. 5308
556	DEBNATH, J	40	4382440	4. 5257
557	ROBERTSON, NR	21	4370300	4. 5132
558	CHANG, HY	199	4369975	4. 5128
559	LUAN, JA	54	4367969	4. 5107
560	COOPER, DN	120	4366268	4. 5090
561	PACIGA, SA	14	4350184	4. 4924
562	HVEEM, K	77	4317994	4. 4591
563	KANONI, S	38	4317658	4. 4588
564	GUAN, P	25	4303965	4. 4447
565	HOMUTH, G	64	4302492	4. 4431
566	BEDOYA, G	26	4294640	4. 4350
567	GESCHWIND, DH	91	4292543	4. 4329
568	SEDEJ, S	11	4291901	4. 4322
569	HARTMANN, AM	16	4289041	4. 4292
570	VONDERHEIDE, RH	13	4285456	4. 4255
571	MORTENSEN, PB	53	4281641	4. 4216

572	HUARTE, M	16	4279747	4. 4196
573	HOFFMANN, M	50	4278983	4. 4189
574	PEVSNER-FISCHER, M	13	4276314	4. 4161
575	SMITH, AV	96	4273189	4. 4129
576	ESCOTT-PRICE, V	42	4250987	4. 3899
577	BURCHARD, EG	48	4250049	4. 3890
578	SHUKLA, SA	18	4248583	4. 3875
579	MECHTA-GRIGORIOU,	14	4245974	4. 3848
580	GRABE, HJ	41	4242638	4. 3813
581	CICHON, S	34	4242412	4. 3811
582	WALKER, JA	34	4242412	4. 3811
583	SOLOMONSON, M	15	4233691	4. 3721
584	MENZIES, A	12	4223347	4. 3614
585	GROVE, J	54	4219656	4. 3576
586	RODMAN, C	13	4214551	4. 3523
587	KEREN-SHAUL, H	23	4203804	4. 3412
588	COLONNA, M	34	4202907	4. 3403
589	RODRIGUES, CMP	21	4200478	4. 3378
590	GUSTAFSSON, S	48	4196149	4. 3333
591	SCHLESSINGER, D	51	4191115	4. 3281
592	PENNINGER, JM	63	4188353	4. 3253
593	WILLEMSSEN, G	108	4176044	4. 3125
594	BATTLE, A	44	4160475	4. 2965
595	HEDMAN, ÅK	19	4152069	4. 2878
596	KARJALAINEN, J	42	4142320	4. 2777
597	PARK, PJ	97	4135588	4. 2708
598	STEPHENS, M	41	4133345	4. 2685
599	AMIN, N	108	4132050	4. 2671
600	KAPRIO, J	103	4130357	4. 2654
601	KEPP, O	65	4121211	4. 2559
602	DAVID, E	46	4119039	4. 2537

603	FROSCH, MP	15	4109213	4. 2435
604	MUSTONEN, V	11	4100454	4. 2345
605	ZHANG, L	4057	4099829	4. 2338
606	KLIMCZAK, LJ	23	4099271	4. 2333
607	TOYOKUNI, S	16	4096576	4. 2305
608	ROSE, LM	32	4094120	4. 2279
609	POLAK, P	25	4089293	4. 2230
610	CHIN, L	31	4087754	4. 2214
611	OCHOA, A	19	4079509	4. 2129
612	DIKIC, I	73	4077165	4. 2104
613	SHAO, F	64	4069358	4. 2024
614	DONEY, ASF	14	4065160	4. 1980
615	AYUB, Q	31	4060156	4. 1929
616	MACOSKO, EZ	17	4050420	4. 1828
617	KARIN, M	62	4043273	4. 1754
618	EL-DEIRY, WS	27	4042958	4. 1751
619	ROSEN, MK	26	4041662	4. 1738
620	LÓPEZ-OTÍN, C	53	4027960	4. 1596
621	FRAYLING, TM	77	4025612	4. 1572
622	DESALLE, R	26	4022790	4. 1543
623	NORDENTOFT, M	48	4011274	4. 1424
624	FRANCO, OH	60	4003702	4. 1346
625	BOWDEN, J	21	4000776	4. 1316
626	TAMBORERO, D	11	3999699	4. 1304
627	MANIC, G	13	3996548	4. 1272
628	FARRALL, M	28	3993966	4. 1245
629	GARDNER, J	27	3992087	4. 1226
630	KIM-HELLMUTH, S	12	3989357	4. 1198
631	WOOD, AR	68	3989199	4. 1196
632	AGUET, F	59	3988967	4. 1194
633	HINDS, DA	50	3988053	4. 1184

634	PROTOPOPOV, A	19	3987389	4. 1177
635	COHEN, R	26	3984280	4. 1145
636	MOHLKE, KL	112	3980012	4. 1101
637	LYSSENKO, V	24	3975576	4. 1055
638	LEE, WP	41	3969341	4. 0991
639	WATTS, NA	13	3967768	4. 0975
640	LING, SY	11	3963583	4. 0931
641	BALASUBRAMANIAN, S	78	3963560	4. 0931
642	TING, JPY	13	3958972	4. 0884
643	DING, L	346	3958483	4. 0879
644	YOUNG, RA	68	3945210	4. 0742
645	SIGURDSSON, E	19	3944389	4. 0733
646	GIEGLING, I	27	3942229	4. 0711
647	JUKEMA, JW	88	3940601	4. 0694
648	CAMPISI, J	68	3937429	4. 0661
649	GUAN, KL	92	3935958	4. 0646
650	KUBO, M	154	3930981	4. 0595
651	RUDAN, I	72	3926573	4. 0549
652	XIAO, CL	42	3924754	4. 0530
653	SMITH, AM	39	3924205	4. 0525
654	KUUSISTO, J	63	3923582	4. 0518
655	HAKIMI, AA	21	3920875	4. 0490
656	KUTALIK, Z	91	3919600	4. 0477
657	ZEHIR, A	23	3918933	4. 0470
658	SCORRANO, L	58	3911451	4. 0393
659	RIPATTI, S	94	3910321	4. 0381
660	ALS, TD	28	3906063	4. 0337
661	HOLMANS, PA	22	3900186	4. 0277
662	TANG, JB	25	3899835	4. 0273
663	JAFFREY, SR	30	3888684	4. 0158
664	ORFAO, A	30	3885157	4. 0122

665	KANNEGANTI, TD	41	3876526	4. 0032
666	NEALE, B	17	3875624	4. 0023
667	SHRINGARPURE, S	20	3867601	3. 9940
668	RIVADENEIRA, F	101	3867026	3. 9934
669	PIRTSKHALAVA, T	14	3861869	3. 9881
670	PETERS, A	150	3855776	3. 9818
671	HUBER, KE	11	3850393	3. 9763
672	PENNINX, BWJH	62	3846542	3. 9723
673	SOLIT, DB	37	3842747	3. 9684
674	WILLER, CJ	69	3842064	3. 9677
675	YUAN, JY	99	3836996	3. 9624
676	SETH, S	27	3831416	3. 9567
677	STUART, JM	28	3830270	3. 9555
678	GRONEMEYER, H	12	3819431	3. 9443
679	KÄHÖNEN, M	97	3818990	3. 9438
680	KLEBER, ME	51	3810772	3. 9353
681	ARIAS, E	12	3793501	3. 9175
682	YU, FL	41	3786594	3. 9104
683	BAFNA, V	49	3785815	3. 9096
684	RANDOW, F	11	3785588	3. 9093
685	MENNI, C	43	3784619	3. 9083
686	MAGNUSSON, PK	18	3780352	3. 9039
687	MERAD, M	40	3776103	3. 8995
688	FLANNICK, J	27	3774420	3. 8978
689	WANG, L	4120	3771939	3. 8952
690	JORDAN, J	14	3771054	3. 8943
691	MANGINO, M	93	3765430	3. 8885
692	DE JAGER, PL	88	3764902	3. 8880
693	SHENDURE, J	128	3759563	3. 8825
694	BANERJEE, R	67	3759522	3. 8824
695	ANDREASSEN, OA	106	3756341	3. 8791

696	GORDENIN, DA	25	3753519	3. 8762
697	TANG, MF	30	3740388	3. 8627
698	OBERST, A	19	3738492	3. 8607
699	ERIKSSON, JG	62	3735258	3. 8574
700	BAND, G	16	3721041	3. 8427
701	PIACENTINI, M	69	3716137	3. 8376
702	LAUNER, LJ	82	3716033	3. 8375
703	SIMON, AK	21	3708618	3. 8298
704	FREEMAN, C	14	3707981	3. 8292
705	VIERSTRA, RD	11	3701554	3. 8225
706	THORLEIFSSON, G	112	3698547	3. 8194
707	DE ZIO, D	17	3696281	3. 8171
708	BEALE, R	15	3692199	3. 8129
709	KIRKIN, V	12	3689643	3. 8102
710	LOPEZ, J	45	3687730	3. 8083
711	SAW, RPM	14	3683350	3. 8037
712	PORTEOUS, DJ	72	3683341	3. 8037
713	PEER, D	45	3680820	3. 8011
714	ZHANG, B	1421	3675907	3. 7961
715	LEE, S	1134	3674072	3. 7942
716	CHEN, X	2461	3672168	3. 7922
717	LOWE, SW	48	3669166	3. 7891
718	BYBJERG-GRAUHOLM,	55	3668725	3. 7886
719	TIMMERMANN, B	51	3667898	3. 7878
720	MORRIS, LGT	19	3659048	3. 7787
721	LI, X	3189	3658163	3. 7777
722	NELIS, M	23	3657610	3. 7772
723	KLIONSKY, DJ	139	3653374	3. 7728
724	CHAKRAVARTY, D	21	3642534	3. 7616
725	MIZUSHIMA, N	60	3640363	3. 7594
726	MULAS, A	21	3636647	3. 7555

727	PINTON, P	90	3636090	3. 7549
728	BAYIR, H	17	3630415	3. 7491
729	BORK, P	42	3629107	3. 7477
730	JONES, D	67	3627637	3. 7462
731	KRUMMEL, MF	18	3617171	3. 7354
732	WEINER, A	27	3615388	3. 7336
733	LIPINSKI, MM	11	3613900	3. 7320
734	SHELTON, JF	15	3612264	3. 7303
735	LOCKE, AE	42	3612083	3. 7302
736	DOMENICI, E	21	3609246	3. 7272
737	SAMANI, NJ	94	3607499	3. 7254
738	BENNETT, AJ	13	3604166	3. 7220
739	CROTTY, S	15	3597557	3. 7152
740	PARSANA, P	11	3587587	3. 7049
741	NYHOLT, DR	62	3585167	3. 7024
742	BARRETT, JC	53	3584943	3. 7021
743	AGEE, M	12	3583947	3. 7011
744	MITTAG, T	17	3581577	3. 6986
745	FLOREZ, JC	57	3581037	3. 6981
746	FALL, T	11	3577304	3. 6942
747	SADEGHI, S	27	3576635	3. 6935
748	TYLER-SMITH, C	66	3576586	3. 6935
749	BALLABIO, A	67	3574261	3. 6911
750	DAW, EW	11	3573900	3. 6907
751	SABATTI, C	19	3573523	3. 6903
752	FILOMENI, G	17	3572389	3. 6892
753	BURGESS, S	58	3568695	3. 6853
754	HOUGAARD, DM	69	3563664	3. 6802
755	FEINBERG, AP	31	3561897	3. 6783
756	PLEWCZYNSKI, D	35	3559673	3. 6760
757	DIWAN, A	16	3556996	3. 6733

758	ENGEDAL, N	16	3556072	3. 6723
759	GANSEVOORT, RT	12	3555564	3. 6718
760	ZEEVI, D	11	3553387	3. 6695
761	HUERTA-CEPAS, J	14	3552163	3. 6683
762	SATHIRAPONGSASUTI,	12	3551232	3. 6673
763	LYDEN, D	22	3548891	3. 6649
764	LEE, D	364	3545241	3. 6611
765	BUDAK, H	39	3544919	3. 6608
766	ENGELHARDT, BE	12	3543642	3. 6595
767	NORTHOVER, CAM	12	3543642	3. 6595
768	HAMSTEN, A	50	3540461	3. 6562
769	QI, LQ	13	3539166	3. 6549
770	DELGADO, G	15	3535193	3. 6507
771	MADDEN, PAF	18	3530719	3. 6461
772	IYER, G	12	3530612	3. 6460
773	ZEGGINI, E	109	3529343	3. 6447
774	DORAZI, G	14	3527062	3. 6424
775	SHEPPARD, D	15	3523551	3. 6387
776	MATHIAS, RA	59	3514608	3. 6295
777	ANGELI, JPF	18	3513874	3. 6287
778	CHENG, EH	19	3510503	3. 6253
779	ZHIVOTOVSKY, B	51	3504020	3. 6186
780	KAGAN, VE	20	3503682	3. 6182
781	SANTAMBROGIO, L	23	3500636	3. 6151
782	VERDIN, E	35	3494312	3. 6085
783	YANG, Y	2817	3494247	3. 6085
784	WERGE, T	77	3490823	3. 6049
785	SCHMIDT, EM	22	3488057	3. 6021
786	HUNTER, DJ	67	3487882	3. 6019
787	PSATY, BM	194	3486632	3. 6006
788	ZEPS, N	11	3478759	3. 5925

789	HARIHARAN, P	12	3472274	3. 5858
790	STEEMERS, FJ	13	3471661	3. 5851
791	KAMATANI, Y	127	3467727	3. 5811
792	KTISTAKIS, NT	26	3466734	3. 5801
793	REN, B	129	3464048	3. 5773
794	CLARK, AG	101	3462305	3. 5755
795	MORS, O	57	3455838	3. 5688
796	CUCCA, F	71	3448663	3. 5614
797	KELLY, S	45	3445593	3. 5582
798	GASSEN, NC	12	3443287	3. 5558
799	BANDINELLI, S	53	3441734	3. 5542
800	GAMAZON, ER	56	3436233	3. 5486
801	ZONG, WX	18	3431318	3. 5435
802	BORECKI, IB	34	3429978	3. 5421
803	CLAUSSNITZER, M	22	3427835	3. 5399
804	XUE, YL	54	3427256	3. 5393
805	LI, L	3451	3420208	3. 5320
806	NALLS, MA	72	3418633	3. 5304
807	GUO, XS	32	3416498	3. 5282
808	LAMARK, T	18	3415618	3. 5273
809	MAIER, W	41	3410448	3. 5219
810	JURK, D	30	3407710	3. 5191
811	ONGEN, H	19	3402206	3. 5134
812	TAYLOR, JP	40	3401222	3. 5124
813	JOHANSEN, T	58	3400091	3. 5112
814	VÖLKER, U	93	3397336	3. 5084
815	ANTTILA, V	14	3396763	3. 5078
816	BERGMAN, RN	14	3393837	3. 5048
817	VERWEIJ, N	65	3389924	3. 5007
818	BORNER, C	19	3388696	3. 4995
819	MILLER, JD	16	3388379	3. 4991

820	CHINNAIYAN, AM	68	3388256	3. 4990
821	MANFREDI, AA	12	3387760	3. 4985
822	BOCHUD, M	24	3384006	3. 4946
823	FARJOUN, Y	15	3383401	3. 4940
824	JESSEN, N	11	3380487	3. 4910
825	PITTS, SJ	13	3379286	3. 4897
826	GATICA, D	12	3375020	3. 4853
827	COX, A	79	3373561	3. 4838
828	BELL, RK	13	3365005	3. 4750
829	MCINTYRE, MH	13	3365005	3. 4750
830	CUSI, D	26	3363821	3. 4738
831	MÄRZ, W	49	3362000	3. 4719
832	POPOVA, B	11	3360598	3. 4704
833	HUGO, W	11	3353941	3. 4636
834	WAN, YH	42	3353021	3. 4626
835	JÖCKEL, KH	28	3351315	3. 4609
836	HOLMES, O	14	3344790	3. 4541
837	KITSIS, RN	18	3344595	3. 4539
838	TOOZE, SA	38	3338875	3. 4480
839	WEISKOPF, D	14	3335949	3. 4450
840	LITTERMAN, NK	13	3335566	3. 4446
841	KOVACS, P	54	3330105	3. 4390
842	HARPER, JW	73	3329926	3. 4388
843	STROBER, BJ	13	3323440	3. 4321
844	DIXIT, VM	33	3323080	3. 4317
845	BAUER, M	68	3321188	3. 4297
846	PENNA, F	13	3310307	3. 4185
847	LARICCHIA, KM	12	3307500	3. 4156
848	SANES, JR	14	3306744	3. 4148
849	DEARY, IJ	133	3305605	3. 4137
850	LI, W	1864	3304050	3. 4121

851	KEMPER, JK	11	3298983	3. 4068
852	EHRET, GB	17	3296460	3. 4042
853	NILSSON, P	21	3296301	3. 4040
854	LI, QB	42	3295612	3. 4033
855	LESHCHINER, I	27	3292795	3. 4004
856	GAMMOH, N	16	3289707	3. 3972
857	GOTTESMAN, O	20	3282930	3. 3902
858	IKRAM, MA	110	3282768	3. 3901
859	GIGNOUX, CR	53	3281570	3. 3888
860	BOUTROS, PC	76	3281420	3. 3887
861	BUSH, AI	14	3275684	3. 3828
862	SCHLEICHER, M	12	3268785	3. 3756
863	ALIPANAHI, B	19	3264838	3. 3716
864	ITZKOVITZ, S	33	3264403	3. 3711
865	MARTINEZ-LOPEZ, N	11	3261855	3. 3685
866	NOLTE, IM	59	3255991	3. 3624
867	DERETIC, V	41	3255917	3. 3623
868	VAN NIEL, G	22	3251678	3. 3580
869	JIAN, XQ	13	3251020	3. 3573
870	BORGLUM, AD	73	3249668	3. 3559
871	RHEINBAY, E	12	3247921	3. 3541
872	THEIS, FJ	83	3246033	3. 3521
873	WU, Y	1409	3239310	3. 3452
874	LIPTON, SA	12	3238563	3. 3444
875	PEARCE, EJ	16	3237283	3. 3431
876	JAHNEL, M	12	3236465	3. 3423
877	SANDRI, M	49	3234875	3. 3406
878	RIETSCHER, M	49	3228647	3. 3342
879	TAYLOR, GA	11	3226013	3. 3315
880	DE REYNIÈS, A	15	3225706	3. 3311
881	VUKCEVIC, D	11	3224876	3. 3303

882	PUTHALAKATH, H	12	3224013	3. 3294
883	MARUVKA, YE	20	3220834	3. 3261
884	MCPHERSON, JD	14	3216985	3. 3221
885	GOTTLIEB, E	36	3216678	3. 3218
886	FREEMAN, SS	11	3215186	3. 3203
887	ADAIR, LS	26	3214510	3. 3196
888	LOCKSHIN, RA	11	3214110	3. 3192
889	ZHANG, DD	252	3212628	3. 3176
890	BRANGWYNNE, CP	34	3208188	3. 3131
891	SPILLANE, AJ	13	3207127	3. 3120
892	THORAND, B	22	3204249	3. 3090
893	YANG, L	2055	3202736	3. 3074
894	DEMICHELIS, F	22	3201930	3. 3066
895	TIEMEIER, H	47	3201687	3. 3063
896	HENGSTENBERG, C	12	3200255	3. 3049
897	LEVINSON, DF	26	3199022	3. 3036
898	RIED, JS	21	3198817	3. 3034
899	TÖNJES, A	44	3195731	3. 3002
900	LOUKOLA, A	19	3193101	3. 2975
901	WITT, SH	34	3192179	3. 2965
902	THORSTEINSDOTTIR,	143	3187918	3. 2921
903	NJOLSTAD, I	11	3186026	3. 2902
904	VERHAAK, RGW	38	3185919	3. 2901
905	JARVELIN, MR	64	3185788	3. 2899
906	VACIC, V	14	3184462	3. 2886
907	MANDELL, MA	14	3182573	3. 2866
908	WICHMANN, HE	30	3179842	3. 2838
909	MIN, JL	23	3178377	3. 2823
910	REICHENBERG, A	19	3178339	3. 2822
911	LI, H	2812	3173113	3. 2768
912	DJUROVIC, S	62	3172595	3. 2763

913	WEITZ, DA	24	3171887	3. 2756
914	SMOLLER, JW	68	3171735	3. 2754
915	BULIK-SULLIVAN, B	11	3170990	3. 2746
916	BUTTERWORTH, AS	66	3166298	3. 2698
917	BIGDELI, TB	23	3165031	3. 2685
918	RAYNER, NW	37	3163584	3. 2670
919	VAN DER LAAN, LJW	16	3162155	3. 2655
920	FORER, L	22	3161611	3. 2650
921	FORSTNER, AJ	37	3155384	3. 2585
922	SANNA, S	35	3153586	3. 2567
923	CHOU, A	11	3151670	3. 2547
924	YANG, HM	263	3150518	3. 2535
925	MALHOTRA, A	63	3145365	3. 2482
926	JONSSON, P	16	3145338	3. 2482
927	KARPE, F	35	3145187	3. 2480
928	THORGEIRSSON, TE	27	3141623	3. 2443
929	KOBOLDT, DC	34	3141530	3. 2442
930	DEMARIA, M	39	3140988	3. 2437
931	GHANDI, M	11	3140968	3. 2436
932	HILTUNEN, M	23	3139047	3. 2417
933	NISO-SANTANO, M	12	3131388	3. 2337
934	STRACHAN, DP	41	3130429	3. 2328
935	ESKELINEN, EL	25	3130069	3. 2324
936	RICE, JP	16	3128494	3. 2308
937	SENBABAOGU, Y	12	3128324	3. 2306
938	ELSON, SL	14	3127459	3. 2297
939	BAUNE, BT	27	3123938	3. 2261
940	KINNUNEN, L	13	3122300	3. 2244
941	LIU, X	2029	3120814	3. 2228
942	BERGER, MF	39	3118388	3. 2203
943	KRYCZEK, I	14	3117107	3. 2190

944	FOX, CS	18	3116664	3. 2185
945	WANG, ZN	145	3109507	3. 2111
946	ONG, KK	52	3108074	3. 2097
947	PATCH, AM	17	3107288	3. 2089
948	THOMPSON, JF	15	3107173	3. 2087
949	PELOSO, GM	54	3102677	3. 2041
950	JANSSON, PJ	13	3100725	3. 2021
951	CLARKE, TK	16	3100258	3. 2016
952	BOOMSMA, DI	182	3099138	3. 2004
953	ELAZAR, Z	19	3095438	3. 1966
954	RIZZUTO, R	41	3093446	3. 1946
955	HENGARTNER, MO	11	3093065	3. 1942
956	MAZUTIS, L	16	3089703	3. 1907
957	MILLER, JR	11	3086737	3. 1876
958	ROBINSON, EB	18	3085989	3. 1869
959	LANE, JD	11	3085683	3. 1865
960	SCHMIDT, R	76	3082475	3. 1832
961	FRANKS, PW	69	3082474	3. 1832
962	ISHAQ, M	11	3080357	3. 1810
963	KNOPPERS, BM	55	3077019	3. 1776
964	RUBIN, MA	44	3076643	3. 1772
965	SEGAL, E	53	3074450	3. 1749
966	HALLER, T	23	3072927	3. 1734
967	EISENBERG, T	21	3072079	3. 1725
968	VAKIFAHMETOGLU-NOR	13	3064728	3. 1649
969	HOFFMANN, P	93	3060918	3. 1610
970	SHI, HL	75	3056312	3. 1562
971	LUGLI, E	11	3056068	3. 1560
972	AARONSON, SA	12	3055232	3. 1551
973	LIEBERMAN, AP	15	3052797	3. 1526
974	GORSKI, M	24	3051612	3. 1514

975	PRITCHARD, JK	55	3051056	3. 1508
976	CHEN, J	2613	3050834	3. 1506
977	LINNARSSON, S	40	3049745	3. 1494
978	ZHENG, XL	121	3047165	3. 1468
979	BLOMGREN, K	24	3044541	3. 1441
980	JONES, MD	14	3043941	3. 1434
981	PETERS, MJ	18	3039723	3. 1391
982	WALTER, V	16	3038903	3. 1382
983	KAJIMURA, S	43	3038208	3. 1375
984	BRYC, K	17	3034180	3. 1334
985	NIXON, RA	17	3031620	3. 1307
986	MÜNZ, C	24	3030254	3. 1293
987	SCOTT, LJ	45	3030065	3. 1291
988	DAVIES, G	44	3029786	3. 1288
989	DAWSON, KJ	11	3027697	3. 1267
990	LIEBERMAN, J	36	3027600	3. 1266
991	HARRIS, IS	19	3027229	3. 1262
992	ZACKS, DN	11	3024508	3. 1234
993	CUPPLES, LA	93	3019972	3. 1187
994	SINISALO, J	22	3016997	3. 1156
995	JACKSON, AU	49	3015660	3. 1142
996	YU, DM	24	3015391	3. 1140
997	LEVINE, DA	33	3012136	3. 1106
998	DOBSON, RCJ	11	3009860	3. 1082
999	NETEA, MG	116	3008040	3. 1064
1000	WEINHOLD, N	35	3004114	3. 1023
1001	JAMIESON, NB	11	3001481	3. 0996
1002	VERDIER, M	11	3001481	3. 0996
1003	FOROUD, TM	17	3001346	3. 0995
1004	BARTLETT, J	13	2999056	3. 0971
1005	WIJMENGA, C	95	2996467	3. 0944

1006	WOLCHOK, JD	34	2996107	3. 0940
1007	ISIDORO, C	12	2996021	3. 0940
1008	PITTET, MJ	11	2993170	3. 0910
1009	JOUSILAHTI, P	35	2993021	3. 0909
1010	VILLARROYA, J	13	2992325	3. 0901
1011	DAY, FR	43	2990094	3. 0878
1012	HAEUSSLER, M	28	2988142	3. 0858
1013	COLL, NS	11	2987925	3. 0856
1014	HOLTZMAN, DM	18	2987391	3. 0850
1015	GAN, BY	41	2986713	3. 0843
1016	MURTHY, A	12	2985019	3. 0826
1017	HAMACHER-BRADY, A	14	2980838	3. 0783
1018	LINDSTRÖM, J	14	2980838	3. 0783
1019	WATKINS, H	75	2980482	3. 0779
1020	LA MANNO, G	11	2976470	3. 0738
1021	STRAUCH, K	95	2975910	3. 0732
1022	LESLIE, S	17	2974460	3. 0717
1023	SINGER-BERK, M	13	2968404	3. 0654
1024	OLDEHINKEL, AJ	39	2966397	3. 0634
1025	KOOPERBERG, C	157	2965190	3. 0621
1026	MOUNTAIN, JL	17	2963628	3. 0605
1027	PUGLIELLI, L	11	2961938	3. 0588
1028	SHRINIVAS, K	11	2960906	3. 0577
1029	SCOTT, RJ	76	2959705	3. 0565
1030	GEJMAN, PV	13	2958850	3. 0556
1031	TAFANI, M	13	2958850	3. 0556
1032	MIKKELSEN, T	17	2958641	3. 0554
1033	HANSEN, M	46	2958614	3. 0553
1034	COLLINS, FS	74	2958460	3. 0552
1035	JAMES, AL	12	2955169	3. 0518
1036	CORBO, V	19	2954245	3. 0508

1037	GERSTUNG, M	37	2950306	3. 0467
1038	COLLINS, RL	32	2947592	3. 0439
1039	CHAE, HJ	14	2946808	3. 0431
1040	TOPOL, EJ	18	2946775	3. 0431
1041	TERWILLIGER, TC	19	2946337	3. 0426
1042	RHODES, D	14	2943112	3. 0393
1043	GRAEF, M	13	2942637	3. 0388
1044	GRIFONI, A	13	2941667	3. 0378
1045	CARRIER, A	12	2939330	3. 0354
1046	HATTERSLEY, AT	52	2938818	3. 0349
1047	PINAR, M	11	2938122	3. 0342
1048	NARDACCI, R	12	2937331	3. 0333
1049	OKADA, Y	244	2932116	3. 0280
1050	MALEWICZ, M	11	2930870	3. 0267
1051	POLDERMAN, TJC	13	2930280	3. 0261
1052	MCARDLE, WL	17	2925311	3. 0209
1053	TORGENSEN, ML	12	2924501	3. 0201
1054	YAEGER, R	21	2923925	3. 0195
1055	WILSGAARD, T	11	2923684	3. 0193
1056	GOMEZ, H	12	2923474	3. 0190
1057	RAURAMAA, R	32	2923362	3. 0189
1058	SHOUSHTARI, AN	14	2919300	3. 0147
1059	STAMATOYANNOPOULOS	22	2919260	3. 0147
1060	GROVES, CJ	16	2914685	3. 0100
1061	BREST, P	11	2912353	3. 0076
1062	LUDOVICO, P	11	2909225	3. 0043
1063	KAHANA, A	11	2907179	3. 0022
1064	CHAKRABARTI, G	12	2906756	3. 0018
1065	KANAI, M	82	2905673	3. 0007
1066	BELLEUDI, F	11	2901044	2. 9959
1067	ABECASIS, G	51	2900272	2. 9951

1068	MANCIAS, JD	19	2897733	2. 9925
1069	ZITVOGEL, L	56	2894748	2. 9894
1070	BACKER, JM	12	2893934	2. 9885
1071	TRZASKOWSKI, M	17	2893906	2. 9885
1072	PASSOS, JF	43	2890713	2. 9852
1073	WUCHERPFENNIG, KW	29	2890142	2. 9846
1074	HUANG, HL	258	2889688	2. 9841
1075	IQBAL, Z	42	2887719	2. 9821
1076	CRADDOCK, N	23	2883709	2. 9780
1077	DI NARDO, A	11	2883584	2. 9778
1078	WATADA, H	12	2880240	2. 9744
1079	SIMONS, M	48	2877242	2. 9713
1080	CASAS, C	11	2873348	2. 9673
1081	CUERVO, AM	71	2871650	2. 9655
1082	SEVER, P	20	2867516	2. 9612
1083	HAAPASALO, A	14	2865692	2. 9594
1084	ZHANG, X	2836	2862858	2. 9564
1085	JANJI, B	15	2862809	2. 9564
1086	JOST, PJ	15	2862809	2. 9564
1087	NAUCK, M	52	2862364	2. 9559
1088	PALLET, N	11	2860085	2. 9536
1089	ASSENOV, Y	14	2859361	2. 9528
1090	UUSITUPA, M	14	2859361	2. 9528
1091	CANIGGIA, I	12	2857728	2. 9511
1092	SHEN, RL	45	2854695	2. 9480
1093	STIRRUPS, K	14	2853932	2. 9472
1094	MEDINA-GOMEZ, C	43	2847356	2. 9404
1095	FEITOSA, MF	66	2846670	2. 9397
1096	FORNAGE, M	145	2845648	2. 9387
1097	KRAFT, C	33	2844203	2. 9372
1098	STOLK, L	12	2844061	2. 9370

1099	IMIELINSKI, M	29	2843624	2. 9366
1100	FERREIRA, T	40	2843022	2. 9360
1101	RAZAVI, P	28	2838447	2. 9312
1102	JU, JF	12	2834352	2. 9270
1103	LUEDDE, T	16	2833314	2. 9259
1104	FAURE, M	11	2831576	2. 9241
1105	KWONG, A	40	2826464	2. 9189
1106	HORVATH, S	138	2824631	2. 9170
1107	FREEMAN, GJ	30	2824370	2. 9167
1108	GRALLERT, H	72	2823852	2. 9162
1109	STEINTHORSDOTTIR,	43	2823142	2. 9154
1110	MARIÑO, G	15	2822737	2. 9150
1111	DIEDERICH, M	14	2818796	2. 9109
1112	HYMAN, DM	17	2816033	2. 9081
1113	MYERS, J	17	2813567	2. 9055
1114	ROSEBROCK, D	14	2812518	2. 9045
1115	RETTIG, R	16	2812329	2. 9043
1116	CAULFIELD, MJ	49	2812312	2. 9042
1117	VOLLENWEIDER, P	44	2811894	2. 9038
1118	VELLENGA, E	13	2810925	2. 9028
1119	SHAW, RJ	31	2810467	2. 9023
1120	STEWART, C	55	2809180	2. 9010
1121	MUSK, AW	12	2809117	2. 9009
1122	DANNLOWSKI, U	20	2808002	2. 8998
1123	SHI, Y	816	2805748	2. 8975
1124	WESSELS, L	23	2805606	2. 8973
1125	ROTIMI, CN	64	2803574	2. 8952
1126	STEFANIS, L	13	2802575	2. 8942
1127	LEE, C	409	2797410	2. 8889
1128	WEIR, DR	40	2796294	2. 8877
1129	BRAND, H	44	2793702	2. 8850

1130	LEE, J	1332	2791848	2. 8831
1131	KAARNIRANTA, K	40	2788315	2. 8795
1132	CHEN, L	2498	2786863	2. 8780
1133	FONTANILLAS, P	27	2786609	2. 8777
1134	KNOWLES, JA	31	2785763	2. 8768
1135	NAKATOGAWA, H	19	2785525	2. 8766
1136	ROMANI, L	12	2783051	2. 8740
1137	CODOGNO, P	44	2782043	2. 8730
1138	HRUBAN, RH	24	2779148	2. 8700
1139	XIONG, MM	36	2778856	2. 8697
1140	BUXBAUM, JD	73	2778614	2. 8694
1141	TSAI, LH	33	2777609	2. 8684
1142	CORVIN, A	28	2775138	2. 8659
1143	REINER, AP	155	2774878	2. 8656
1144	VEDANTAM, S	20	2772890	2. 8635
1145	ALBANI, D	17	2771409	2. 8620
1146	EIRIKSDOTTIR, G	18	2768328	2. 8588
1147	POULTON, J	18	2768328	2. 8588
1148	FUENTES, JM	12	2767681	2. 8581
1149	PASPARAKIS, M	40	2767233	2. 8577
1150	MACIAN, F	13	2766476	2. 8569
1151	SUVÀ, ML	26	2762511	2. 8528
1152	STAHL, EA	31	2762504	2. 8528
1153	HINOUE, T	11	2762008	2. 8523
1154	BUCK, MD	11	2761011	2. 8513
1155	SHI, JX	135	2760136	2. 8504
1156	SLAGBOOM, PE	89	2754047	2. 8441
1157	XU, J	1555	2753589	2. 8436
1158	STUMVOLL, M	55	2748894	2. 8387
1159	GUIGÓ, R	48	2748485	2. 8383
1160	MORRIS, S	46	2747902	2. 8377

1161	AMELIO, I	37	2746669	2. 8365
1162	SOTIRIOU, C	15	2746070	2. 8358
1163	BAKKER, SJL	21	2744660	2. 8344
1164	SATTAR, N	61	2742867	2. 8325
1165	TEE, AR	13	2736104	2. 8255
1166	OOSTRA, BA	20	2735041	2. 8244
1167	SEILIEZ, I	12	2733211	2. 8226
1168	HERMS, S	44	2732010	2. 8213
1169	CHEN, C	1599	2731128	2. 8204
1170	KIBRIYA, MG	21	2728834	2. 8180
1171	TOMLINS, SA	16	2727485	2. 8166
1172	SWERTZ, MA	54	2726977	2. 8161
1173	YANAGI, Y	12	2726552	2. 8157
1174	CAMPELLO, S	15	2722140	2. 8111
1175	KRAFT, J	11	2722046	2. 8110
1176	MCINTOSH, AM	64	2722030	2. 8110
1177	WONG, T	34	2721311	2. 8103
1178	KIVIMAKI, M	25	2720520	2. 8094
1179	COSTELLI, P	13	2720515	2. 8094
1180	GASPAR, HA	14	2720115	2. 8090
1181	YE, K	108	2718969	2. 8078
1182	FROGUEL, P	65	2717273	2. 8061
1183	VOUSDEN, KH	28	2716903	2. 8057
1184	PARKER, R	65	2715188	2. 8039
1185	PALMER, DS	14	2714819	2. 8036
1186	DIXON, JR	21	2713715	2. 8024
1187	TCHKONIA, T	54	2712179	2. 8008
1188	MOEBUS, S	25	2711292	2. 7999
1189	DEBETTE, S	29	2710514	2. 7991
1190	CIDLOWSKI, JA	14	2710400	2. 7990
1191	LUCAE, S	19	2706479	2. 7949

1192	REHM, M	33	2705532	2. 7940
1193	RUJESCU, D	41	2701873	2. 7902
1194	PEÑALVA, MA	12	2698957	2. 7872
1195	OJHA, R	20	2698920	2. 7871
1196	KAPUY, O	12	2698027	2. 7862
1197	KRAJA, AT	23	2696979	2. 7851
1198	MATTSON, MP	28	2696370	2. 7845
1199	TENCOMNAO, T	12	2696112	2. 7842
1200	HEID, IM	36	2694489	2. 7826
1201	BROWN, A	99	2693305	2. 7813
1202	TSVETKOV, AS	13	2693123	2. 7812
1203	FAUL, JD	51	2691053	2. 7790
1204	WANG, H	3054	2689987	2. 7779
1205	FRANCIOLI, LC	18	2686539	2. 7744
1206	YANG, FT	63	2684156	2. 7719
1207	MORSELLI, E	12	2683821	2. 7715
1208	CARROLL, B	16	2683044	2. 7707
1209	JO, EK	16	2683044	2. 7707
1210	VINKHUYZEN, AAE	14	2682287	2. 7700
1211	RÜEGER, S	13	2682228	2. 7699
1212	GERSHENWALD, JE	11	2681448	2. 7691
1213	SHI, XH	70	2680894	2. 7685
1214	IMBRIANO, C	12	2678149	2. 7657
1215	VAN VLIET-OSTAPTCH	16	2678100	2. 7656
1216	BALLIU, B	21	2675697	2. 7632
1217	DEMIRKAN, A	41	2673154	2. 7605
1218	GRIMMOND, SM	20	2672536	2. 7599
1219	PARDOLL, DM	16	2670757	2. 7581
1220	MANZONI, C	12	2670577	2. 7579
1221	MACKIEWICZ, A	11	2668636	2. 7559
1222	YIZHAK, K	12	2667747	2. 7549

1223	WALA, JA	12	2664919	2. 7520
1224	LU, ZK	67	2662852	2. 7499
1225	HOVESTADT, V	29	2662461	2. 7495
1226	CHO, J	112	2659939	2. 7469
1227	BUCHHALTER, I	12	2656443	2. 7433
1228	HANNETT, NM	14	2656106	2. 7429
1229	SCHUMACHER, TN	27	2653295	2. 7400
1230	WANG, K	1354	2649755	2. 7364
1231	AMIN, SB	14	2649150	2. 7357
1232	LANNFELT, L	17	2647707	2. 7343
1233	DRONG, AW	11	2647008	2. 7335
1234	VONK, JM	32	2646127	2. 7326
1235	WANG, M	1473	2645783	2. 7323
1236	AFONINE, PV	22	2644856	2. 7313
1237	HARDWICK, JM	14	2643924	2. 7303
1238	CHANG, DK	18	2642723	2. 7291
1239	SATTERSTROM, FK	21	2637296	2. 7235
1240	DELBRIDGE, LMD	12	2636719	2. 7229
1241	WEIHL, CC	16	2631679	2. 7177
1242	MCGRANAHAN, N	59	2629711	2. 7157
1243	TAEGTMEYER, H	13	2628029	2. 7139
1244	TILL, A	13	2628029	2. 7139
1245	GUNDLACH, H	17	2628015	2. 7139
1246	SORANZO, N	72	2627427	2. 7133
1247	LI, Q	2080	2623088	2. 7088
1248	SCHULZE, TG	27	2622703	2. 7084
1249	KAHLES, A	11	2620555	2. 7062
1250	SEGEV, N	14	2618788	2. 7044
1251	DASARATHY, S	13	2618124	2. 7037
1252	MIDDHA, S	13	2618124	2. 7037
1253	LIVITZ, D	12	2617983	2. 7036

1254	HACOHEN, N	52	2616352	2. 7019
1255	WANG, B	1485	2615906	2. 7014
1256	GIBSON, SB	18	2615207	2. 7007
1257	HOLLINGSWORTH, MA	30	2612520	2. 6979
1258	MOGRABI, B	14	2611881	2. 6973
1259	BARROSO, I	63	2611245	2. 6966
1260	PINTO, D	29	2604606	2. 6897
1261	FORRESTER, T	13	2602875	2. 6880
1262	CHOW, A	29	2602838	2. 6879
1263	MOSCAT, J	35	2600877	2. 6859
1264	MÜLLER-MYHSOK, B	39	2600634	2. 6856
1265	ABDENNUR, N	12	2600283	2. 6853
1266	LAW, BYK	14	2592919	2. 6777
1267	CLAGUE, MJ	22	2588278	2. 6729
1268	SACHER, M	13	2586818	2. 6714
1269	IACOBUZIO-DONAHUE,	39	2585715	2. 6702
1270	JANSEN, R	53	2584139	2. 6686
1271	ZHAO, Y	1949	2583544	2. 6680
1272	RAGUSA, MJ	12	2582643	2. 6671
1273	SPELIOTES, EK	18	2581734	2. 6661
1274	SETTEMBRE, C	28	2581547	2. 6659
1275	BUTTE, AJ	22	2580018	2. 6644
1276	CHEN, K	694	2578185	2. 6625
1277	MÜLLER-NURASYID, M	59	2577179	2. 6614
1278	KUH, D	18	2575709	2. 6599
1279	ROGOV, VV	18	2575709	2. 6599
1280	BURMEISTER, M	13	2573417	2. 6575
1281	KIRKLAND, JL	58	2572479	2. 6566
1282	COX, NJ	58	2572146	2. 6562
1283	DEGENHARDT, F	53	2569617	2. 6536
1284	BOOMSMA, D	39	2568710	2. 6527

1285	HARADHVALA, NJ	14	2567119	2. 6510
1286	SPALLETTA, G	11	2566179	2. 6501
1287	ZHANG, W	1841	2564444	2. 6483
1288	SHARMA, P	266	2559821	2. 6435
1289	HOWSON, JMM	35	2559620	2. 6433
1290	MCQUILLIN, A	35	2559620	2. 6433
1291	BOEHM, BO	11	2558442	2. 6421
1292	LÖNNERBERG, P	11	2556523	2. 6401
1293	SANTONI, G	13	2554796	2. 6383
1294	WOLF, DM	18	2551541	2. 6349
1295	ROBSON, ME	14	2548321	2. 6316
1296	GUERRERO-JUAREZ, C	20	2548266	2. 6316
1297	GABRILOVICH, DI	12	2547487	2. 6308
1298	MURABITO, JM	46	2542715	2. 6258
1299	RAMAKRISHNA, M	13	2542380	2. 6255
1300	FU, YX	83	2541235	2. 6243
1301	MOTZER, RJ	11	2541144	2. 6242
1302	TRUE, LD	12	2539200	2. 6222
1303	KRAINIC, D	31	2539078	2. 6221
1304	HUANG, KH	41	2539017	2. 6220
1305	CHAN, FKM	13	2538830	2. 6218
1306	ZHANG, Q	2306	2538635	2. 6216
1307	GANNA, A	49	2537633	2. 6206
1308	ABSHER, D	27	2536122	2. 6190
1309	STREIT, F	24	2534363	2. 6172
1310	NIK-ZAINAL, S	43	2530803	2. 6135
1311	TAYLOR, KD	160	2530543	2. 6133
1312	FULTON, RS	27	2529362	2. 6120
1313	CARNEVALI, O	13	2529153	2. 6118
1314	ENSERINK, JM	13	2529153	2. 6118
1315	GILL, AJ	15	2528885	2. 6115

1316	WEDGE, DC	51	2528191	2. 6108
1317	STAMATOYANNOPOULOS	15	2528044	2. 6107
1318	MARINE, JC	55	2524722	2. 6072
1319	JASMINE, F	18	2523014	2. 6055
1320	BARREIRO, E	13	2522074	2. 6045
1321	PIERCE, BL	27	2522059	2. 6045
1322	LONGSTRETH, WT	12	2521768	2. 6042
1323	PETROVSKI, G	13	2521176	2. 6036
1324	RUDIN, CM	47	2520966	2. 6034
1325	ZHANG, JH	704	2520940	2. 6033
1326	MILANESCHI, Y	44	2520490	2. 6029
1327	CASTEL, SE	20	2517661	2. 6000
1328	MEITINGER, T	124	2515456	2. 5977
1329	NATARAJAN, P	105	2512947	2. 5951
1330	XU, X	858	2512846	2. 5950
1331	AKDEMIR, KC	19	2509415	2. 5914
1332	WONG, A	76	2507540	2. 5895
1333	WENG, HY	31	2507182	2. 5891
1334	HYPPÖNEN, E	24	2505162	2. 5870
1335	KAASIK, A	14	2504169	2. 5860
1336	MORRISON, C	14	2504169	2. 5860
1337	TUTT, A	14	2504169	2. 5860
1338	CUPPEN, E	66	2503768	2. 5856
1339	HANSEN, TB	15	2502696	2. 5845
1340	KIM, D	575	2502308	2. 5841
1341	LIU, SM	212	2502196	2. 5840
1342	KUMARI, M	58	2501385	2. 5831
1343	ABRAMS, JM	15	2501021	2. 5828
1344	POWER, C	38	2500654	2. 5824
1345	RUPARELIA, AA	13	2500117	2. 5818
1346	YU, J	1020	2500057	2. 5818

1347	KERN, A	14	2499924	2. 5816
1348	CHANG, MT	17	2493713	2. 5752
1349	VAN DEN BOSCH, L	28	2490054	2. 5714
1350	SETTE, A	30	2487773	2. 5691
1351	BAILEY, P	22	2487725	2. 5690
1352	MOTORI, E	16	2486929	2. 5682
1353	SNYDER, MP	99	2485605	2. 5669
1354	ZHENG, HC	46	2482911	2. 5641
1355	SZABADKAI, G	18	2481970	2. 5631
1356	SNIEDER, H	91	2481409	2. 5625
1357	WU, J	1513	2479521	2. 5606
1358	MCGUFFIN, P	18	2477538	2. 5585
1359	MYSOREKAR, IU	19	2476803	2. 5578
1360	OPHOFF, RA	39	2474666	2. 5556
1361	RUDOLF, R	13	2473860	2. 5547
1362	LAKKA, TA	35	2473827	2. 5547
1363	IACONO, WG	20	2467531	2. 5482
1364	OUWEHAND, WH	41	2466435	2. 5471
1365	SUE, CM	14	2462893	2. 5434
1366	KARIM, MR	13	2462531	2. 5430
1367	GRAHAM, RR	13	2461644	2. 5421
1368	KNIGHT, R	65	2461495	2. 5420
1369	VITART, V	71	2460026	2. 5404
1370	CASAS, J	14	2455366	2. 5356
1371	NG, PKS	12	2449822	2. 5299
1372	MORAN, JL	15	2445817	2. 5258
1373	STEWART, JD	12	2445342	2. 5253
1374	AUBERGER, P	14	2445308	2. 5252
1375	WALKER, MJ	14	2445308	2. 5252
1376	VAN DER HARST, P	89	2444204	2. 5241
1377	BERGER, AH	13	2442547	2. 5224

1378	PETRILLO, N	12	2439928	2. 5197
1379	HAHN, WC	57	2439086	2. 5188
1380	CHU, A	24	2439062	2. 5188
1381	KUNDAJE, A	78	2436990	2. 5166
1382	MASSAGUÉ, J	22	2434885	2. 5145
1383	WENG, XC	11	2433643	2. 5132
1384	FRANKEL, LB	15	2432127	2. 5116
1385	OCONNELL, J	31	2429860	2. 5093
1386	HAO, S	43	2429532	2. 5089
1387	JOOSTEN, LAB	79	2427416	2. 5068
1388	NICKERSON, DA	117	2426737	2. 5061
1389	DEPAULO, JR	11	2424240	2. 5035
1390	MEDINA, DL	28	2421996	2. 5012
1391	VAN DE WETERING, M	15	2421649	2. 5008
1392	YEGER-LOTEM, E	18	2420022	2. 4991
1393	VRIEZE, S	14	2419432	2. 4985
1394	TOTOKI, Y	18	2418563	2. 4976
1395	ANDREWS, DW	18	2417801	2. 4968
1396	TALKOWSKI, ME	71	2416635	2. 4956
1397	FANG, XD	94	2416333	2. 4953
1398	DAVIS, MM	35	2414633	2. 4936
1399	GORSKI, SM	15	2414422	2. 4933
1400	PEDERSEN, O	99	2406471	2. 4851
1401	MARTINEZ, J	61	2405719	2. 4844
1402	MERCER, TR	20	2405405	2. 4840
1403	MELLE, I	25	2404981	2. 4836
1404	CHOUAIRI, TK	41	2403525	2. 4821
1405	PATEL, AP	23	2399567	2. 4780
1406	JOSHI, PK	63	2396334	2. 4747
1407	SALEM, RM	15	2396022	2. 4743
1408	MCDERMOTT, U	30	2394188	2. 4724

1409	IKENO, Y	20	2393628	2. 4719
1410	HNISZ, D	23	2392453	2. 4707
1411	SCHALL, U	11	2389643	2. 4678
1412	MONJE, M	37	2387628	2. 4657
1413	KOYA, D	17	2387596	2. 4656
1414	SADOSHIMA, J	35	2382630	2. 4605
1415	CORTES, A	19	2379556	2. 4573
1416	ZHANG, Z	1535	2379523	2. 4573
1417	PETER, ME	19	2378866	2. 4566
1418	SANTAGUIDA, S	20	2377051	2. 4548
1419	WILEMAN, T	15	2374488	2. 4521
1420	ABELL, NS	15	2373673	2. 4513
1421	HEARD-COSTA, NL	24	2371306	2. 4488
1422	LIN, HX	56	2370652	2. 4481
1423	SUI, XB	21	2370127	2. 4476
1424	BRYSON-RICHARDSON,	14	2369837	2. 4473
1425	HILL, JA	26	2368919	2. 4464
1426	MELANDER, O	68	2367014	2. 4444
1427	RAES, J	13	2366849	2. 4442
1428	RUSMINI, P	16	2366198	2. 4435
1429	GRUBER, F	15	2365703	2. 4430
1430	REGGIORI, F	74	2362064	2. 4393
1431	ORG, E	13	2360871	2. 4380
1432	BIS, JC	95	2360817	2. 4380
1433	TAYO, BO	20	2359845	2. 4370
1434	DE BAKKER, PIW	41	2359656	2. 4368
1435	ZONDERVAN, KT	14	2359144	2. 4363
1436	MULLINS, N	15	2357807	2. 4349
1437	KNIGHT, RA	16	2356225	2. 4332
1438	JU, DW	15	2356182	2. 4332
1439	DONG, XN	21	2352061	2. 4289

1440	PETERS, U	80	2351300	2. 4282
1441	VAVVAS, DG	14	2348474	2. 4252
1442	LIU, C	1846	2347391	2. 4241
1443	MCKENZIE, CA	13	2347258	2. 4240
1444	COLLINS, JJ	46	2345922	2. 4226
1445	WANG, Q	2451	2344865	2. 4215
1446	PLIKUS, MV	29	2344136	2. 4208
1447	KARMAKAR, P	13	2343902	2. 4205
1448	LIU, L	2343	2340942	2. 4175
1449	RAZANI, B	19	2340819	2. 4173
1450	ITAKURA, E	15	2339565	2. 4160
1451	GAJEWSKI, TF	13	2337953	2. 4144
1452	SONG, FY	17	2336214	2. 4126
1453	HOFMANN, O	11	2335897	2. 4123
1454	DEMONTIS, D	28	2335687	2. 4120
1455	WILMOTT, JS	22	2335478	2. 4118
1456	AGARTZ, I	17	2335466	2. 4118
1457	MARTIN, S	115	2331942	2. 4082
1458	LI, S	1610	2328805	2. 4049
1459	WANG, C	1878	2328543	2. 4047
1460	CHAGIN, AS	15	2327732	2. 4038
1461	NUKINA, N	17	2325805	2. 4018
1462	MARTENS, S	44	2324804	2. 4008
1463	CERVIA, D	14	2324788	2. 4008
1464	FLOREY, O	21	2324645	2. 4006
1465	NONES, K	23	2323948	2. 3999
1466	JONES, DP	15	2323814	2. 3998
1467	RIZZI, F	11	2321146	2. 3970
1468	SESAKI, H	62	2320239	2. 3961
1469	NETEA-MAIER, RT	12	2319699	2. 3955
1470	DYNLACHT, BD	20	2318124	2. 3939

1471	LU, YC	162	2317996	2. 3938
1472	CHIARIELLO, M	16	2317976	2. 3937
1473	HAESSLER, J	56	2317906	2. 3937
1474	MOSTAFAVI, S	42	2317523	2. 3933
1475	DATTA, A	64	2315738	2. 3914
1476	VANDENPUT, L	13	2315092	2. 3908
1477	VÖLZKE, H	70	2313587	2. 3892
1478	LAURENT-PUIG, P	21	2313343	2. 3890
1479	CHEN, LL	369	2311734	2. 3873
1480	SHUNGIN, D	13	2310039	2. 3855
1481	SARDIELLO, M	18	2309803	2. 3853
1482	WALTERS, JTR	25	2307969	2. 3834
1483	KLEINHEINZ, K	13	2306655	2. 3821
1484	MÄNNISTÖ, S	26	2302984	2. 3783
1485	WANG, W	1880	2300495	2. 3757
1486	MCGUE, M	42	2299752	2. 3749
1487	LONG, YC	20	2299098	2. 3742
1488	YANG, PM	14	2297954	2. 3731
1489	WILLBOLD, D	15	2297909	2. 3730
1490	YOSHIMORI, T	56	2295921	2. 3710
1491	GU, W	166	2294183	2. 3692
1492	OHMURAYA, M	14	2293945	2. 3689
1493	VELASCO, G	29	2290395	2. 3653
1494	CHEN, TH	68	2288231	2. 3630
1495	HERSEY, P	14	2286624	2. 3614
1496	OHLSSON, C	47	2285793	2. 3605
1497	KWONG, LN	12	2282007	2. 3566
1498	HABER, JE	47	2280132	2. 3547
1499	SWIFT, AJ	15	2279960	2. 3545
1500	HAZEN, SL	24	2278547	2. 3530
1501	FRANKE, A	145	2278055	2. 3525

1502	LIND, PA	35	2277444	2. 3519
1503	GANLEY, IG	24	2277340	2. 3518
1504	SMITH, JA	167	2277132	2. 3516
1505	YEN, A	15	2275284	2. 3497
1506	MARTINOU, JC	19	2273929	2. 3483
1507	CHEN, W	1178	2273158	2. 3475
1508	PFENNING, AR	16	2270311	2. 3445
1509	SCHADT, EE	71	2269866	2. 3441
1510	WOODMAN, SE	12	2269847	2. 3440
1511	GRUMATI, P	24	2269350	2. 3435
1512	SCHUNKERT, H	52	2268855	2. 3430
1513	MCVEAN, G	36	2267514	2. 3416
1514	FINUCANE, H	11	2267276	2. 3414
1515	GOTTLIEB, RA	19	2266991	2. 3411
1516	ONEILL, LAJ	28	2266930	2. 3410
1517	FARNHAM, PJ	23	2260793	2. 3347
1518	LICHTNER, P	29	2259638	2. 3335
1519	KAHN, RS	28	2256642	2. 3304
1520	KARDIA, SLR	125	2256274	2. 3300
1521	GIRARDIN, SE	22	2253472	2. 3271
1522	INGELSSON, M	26	2252060	2. 3257
1523	QUAKE, SR	55	2249829	2. 3234
1524	MALTA, TM	14	2248833	2. 3223
1525	NUSSE, R	24	2246664	2. 3201
1526	HUANG, FW	17	2245147	2. 3185
1527	NURK, S	14	2240792	2. 3140
1528	NEWELL, F	22	2240682	2. 3139
1529	ESCALANTE, R	15	2234149	2. 3072
1530	WEN, XQ	45	2232946	2. 3059
1531	HANSEN, T	161	2232730	2. 3057
1532	ZHOU, Y	2157	2229828	2. 3027

1533	SBONER, A	32	2228720	2. 3016
1534	DEKKER, J	76	2227052	2. 2998
1535	ALIZADEH, BZ	20	2223111	2. 2958
1536	TRAPNELL, C	51	2222668	2. 2953
1537	DUPONT, N	21	2222655	2. 2953
1538	NORDESTGAARD, BG	45	2222200	2. 2948
1539	SHENG, R	17	2221963	2. 2946
1540	SABARINATHAN, R	19	2218918	2. 2914
1541	ERKEK, S	15	2218757	2. 2913
1542	SU, YY	55	2216481	2. 2889
1543	BORDI, M	22	2216474	2. 2889
1544	HICKEY, PF	15	2214145	2. 2865
1545	MANGUL, S	20	2211790	2. 2841
1546	PRINZ, M	66	2208090	2. 2803
1547	RAJEWSKY, N	49	2207820	2. 2800
1548	KOH, YH	15	2207234	2. 2794
1549	WELLMANN, J	15	2207234	2. 2794
1550	BONNYCASTLE, LL	32	2206544	2. 2787
1551	YUE, ZY	50	2205420	2. 2775
1552	WADDELL, N	50	2204160	2. 2762
1553	SARNOWSKI, C	24	2203416	2. 2754
1554	KURILSHIKOV, A	21	2203168	2. 2752
1555	DI VIRGILIO, F	28	2201936	2. 2739
1556	SALVATORE, M	20	2200498	2. 2724
1557	NAPOLITANO, G	28	2199716	2. 2716
1558	CARLES, A	11	2196120	2. 2679
1559	OREILLY, PF	23	2194806	2. 2665
1560	ROTTER, JI	213	2193490	2. 2652
1561	OGRETMEN, B	18	2191029	2. 2626
1562	STAMBOLIAN, D	20	2190558	2. 2622
1563	NIETO, MA	18	2190304	2. 2619

1564	SAMALI, A	20	2189896	2. 2615
1565	SESHADRI, S	43	2187706	2. 2592
1566	ZHAO, JH	261	2186230	2. 2577
1567	WEISSMAN, JS	78	2185313	2. 2567
1568	MARI, M	41	2184995	2. 2564
1569	REICH, D	114	2183971	2. 2554
1570	VARELA-NIETO, I	15	2181989	2. 2533
1571	DE GEUS, EJC	60	2180845	2. 2521
1572	TANNOUS, BA	14	2178824	2. 2500
1573	LI, QQS	16	2177130	2. 2483
1574	DOHERTY, JA	27	2177121	2. 2483
1575	HEIN, MY	13	2177104	2. 2483
1576	KAUSHIK, S	42	2176981	2. 2481
1577	KLEI, L	13	2175487	2. 2466
1578	TSHERNIAK, A	28	2175053	2. 2461
1579	JUSTICE, AE	49	2173495	2. 2445
1580	SHAPIRO, IM	12	2171769	2. 2428
1581	DE BONO, JS	15	2170562	2. 2415
1582	BYRNE, EM	23	2170156	2. 2411
1583	PEARCE, EL	26	2169778	2. 2407
1584	AMBROSIO, S	16	2169729	2. 2407
1585	HAUSER, BM	14	2168571	2. 2395
1586	HUI, JN	11	2168496	2. 2394
1587	SARZYNSKI, MA	16	2166063	2. 2369
1588	HICKS, AA	40	2165553	2. 2363
1589	QUERTERMOUS, T	50	2165281	2. 2361
1590	ROUSSOS, P	81	2164506	2. 2353
1591	GOZUACIK, D	17	2164470	2. 2352
1592	CRIPPA, V	18	2159021	2. 2296
1593	BELLIS, C	14	2158342	2. 2289
1594	STRAWBRIDGE, RJ	37	2157713	2. 2282

1595	KORCSMAROS, T	15	2156890	2. 2274
1596	SCHÖNHERR, S	14	2156010	2. 2265
1597	CHIPUK, JE	25	2155611	2. 2261
1598	POSER, I	31	2153712	2. 2241
1599	NAGARAJA, R	14	2153625	2. 2240
1600	LAKHANI, SR	17	2152355	2. 2227
1601	POLASEK, O	81	2152089	2. 2224
1602	HAVULINNA, AS	57	2150320	2. 2206
1603	MARTIN, KR	18	2150040	2. 2203
1604	BRUM, PC	16	2149874	2. 2201
1605	MA, XD	80	2148762	2. 2190
1606	RUANO, D	16	2147720	2. 2179
1607	SÁNCHEZ-GRACIA, A	11	2147245	2. 2174
1608	SUL, JH	20	2147090	2. 2173
1609	GODWIN, AK	41	2146373	2. 2165
1610	NIIRANEN, T	13	2143696	2. 2138
1611	WHITWORTH, AJ	22	2143465	2. 2135
1612	NIVARD, MG	38	2142929	2. 2130
1613	JAIN, RK	21	2142736	2. 2128
1614	BLACKWOOD, DHR	12	2137835	2. 2077
1615	LAFONT, F	17	2136036	2. 2059
1616	CHEN, ZJJ	15	2132708	2. 2024
1617	BRADNER, JE	56	2132490	2. 2022
1618	SORICE, M	17	2131087	2. 2007
1619	BERGER, K	21	2128689	2. 1983
1620	YE, C	103	2128363	2. 1979
1621	SORBI, S	17	2128227	2. 1978
1622	STRINGHAM, HM	38	2127777	2. 1973
1623	STENMARK, H	53	2126797	2. 1963
1624	KOENIG, W	22	2125972	2. 1955
1625	SELLERS, WR	20	2125520	2. 1950

1626	LOPEZ-BIGAS, N	31	2124264	2. 1937
1627	HUTTER, B	20	2123564	2. 1930
1628	LICHTER, P	49	2123232	2. 1926
1629	TIMPSON, NJ	94	2121840	2. 1912
1630	SHINTANI, T	15	2121411	2. 1908
1631	LOMAN, NJ	13	2120213	2. 1895
1632	WU, JT	62	2119394	2. 1887
1633	SHU, CW	15	2118385	2. 1876
1634	HUBER, TB	38	2116448	2. 1856
1635	GUNDEM, G	16	2116312	2. 1855
1636	KIROV, G	29	2115693	2. 1848
1637	CHIONG, M	16	2114116	2. 1832
1638	WHITE, E	65	2113531	2. 1826
1639	MÜLLER, G	11	2110284	2. 1793
1640	PISTIS, G	26	2110106	2. 1791
1641	DICHGANS, M	32	2107949	2. 1769
1642	CIECHANOVER, A	25	2107723	2. 1766
1643	SHEN, H	345	2104248	2. 1730
1644	YANG, WN	27	2102287	2. 1710
1645	PATO, C	14	2100653	2. 1693
1646	DARTIGUES, JF	12	2100017	2. 1687
1647	KOSKINEN, S	18	2099911	2. 1686
1648	DER, CJ	32	2099160	2. 1678
1649	VAN DER LEE, SJ	27	2097797	2. 1664
1650	WILSON, CH	26	2097635	2. 1662
1651	WANG, S	1671	2096616	2. 1651
1652	BIELSKI, CM	11	2096313	2. 1648
1653	RAPOSO, G	41	2095947	2. 1645
1654	VAN BOXTEL, R	36	2089914	2. 1582
1655	LEE, TI	28	2087893	2. 1561
1656	HAN, DL	20	2087872	2. 1561

1657	LI, YI	17	2087392	2. 1556
1658	NÚÑEZ, G	16	2086551	2. 1548
1659	GUIGO, R	17	2085329	2. 1535
1660	ZHANG, CS	103	2084247	2. 1524
1661	WOOD, S	31	2083673	2. 1518
1662	PUERTOLLANO, R	27	2082772	2. 1509
1663	RAMBAUT, A	33	2082031	2. 1501
1664	DANGIOLELLA, V	15	2081698	2. 1497
1665	IAFRATE, AJ	17	2081086	2. 1491
1666	LEE, HO	64	2080777	2. 1488
1667	CESARINI, D	14	2077438	2. 1453
1668	SICA, V	28	2076440	2. 1443
1669	HJERLING-LEFFLER,	17	2076201	2. 1441
1670	TREMBLAY, A	15	2074291	2. 1421
1671	DIAO, LX	25	2073024	2. 1408
1672	JEAN, S	24	2072736	2. 1405
1673	WEBB, BT	19	2070450	2. 1381
1674	GUTTMAN, M	37	2070198	2. 1379
1675	HAMASAKI, M	26	2069350	2. 1370
1676	BLANPAIN, C	43	2068909	2. 1365
1677	NARITA, M	50	2067764	2. 1354
1678	ROBBINS, PD	51	2066850	2. 1344
1679	CAI, ZM	58	2066137	2. 1337
1680	KELLY, B	13	2065649	2. 1332
1681	MOLLEREAU, B	17	2061581	2. 1290
1682	PÉRUSSE, L	18	2061133	2. 1285
1683	MA, BS	11	2060656	2. 1280
1684	VANDER HEIDEN, MG	49	2058819	2. 1261
1685	RICE, TK	14	2055922	2. 1231
1686	RIEDER, D	13	2054487	2. 1216
1687	WANG, F	1829	2053694	2. 1208

1688	CHEN, CY	509	2051229	2. 1183
1689	RAMOS-ONSINS, SE	11	2051145	2. 1182
1690	RABINOVICH, GA	25	2050624	2. 1177
1691	TACHMAZIDOU, I	19	2048700	2. 1157
1692	SALVIA, R	11	2048568	2. 1155
1693	KETTELER, R	19	2048060	2. 1150
1694	PULVER, AE	13	2046540	2. 1134
1695	RANKINEN, T	16	2044199	2. 1110
1696	JONES, DTW	59	2044189	2. 1110
1697	LEWIS, CM	60	2040902	2. 1076
1698	FITZGERALD, KA	29	2040226	2. 1069
1699	KETTUNEN, J	26	2039543	2. 1062
1700	FINOTELLO, F	14	2039103	2. 1058
1701	MATISE, TC	14	2039103	2. 1058
1702	CAI, HY	72	2038880	2. 1055
1703	MCDONALD, C	32	2038716	2. 1054
1704	JAITIN, DA	11	2035612	2. 1022
1705	LI, C	1605	2035183	2. 1017
1706	LUND, AH	24	2034055	2. 1005
1707	FOX, NC	12	2033650	2. 1001
1708	DESMEDT, C	15	2032814	2. 0993
1709	PERVJAKOVA, N	15	2032814	2. 0993
1710	JOHANNESSON, M	15	2032114	2. 0985
1711	WU, CJ	145	2031294	2. 0977
1712	KANKI, T	19	2031013	2. 0974
1713	LIU, Q	1547	2030836	2. 0972
1714	BOLAND, GM	24	2030633	2. 0970
1715	PERLIS, RH	22	2029524	2. 0959
1716	FAIRLIE, WD	18	2029454	2. 0958
1717	VACCARI, T	18	2029454	2. 0958
1718	SMITH, BH	47	2027970	2. 0943

1719	DURBIN, R	73	2027586	2. 0939
1720	YOULE, RJ	29	2025442	2. 0916
1721	LU, Y	1069	2024637	2. 0908
1722	JUNE, CH	27	2022643	2. 0888
1723	KRIZHANOVSKY, V	20	2022480	2. 0886
1724	TAKAHASHI, A	132	2021169	2. 0872
1725	OSULLIVAN, D	11	2018432	2. 0844
1726	HUNTER, M	18	2017384	2. 0833
1727	MOLL, UM	18	2017384	2. 0833
1728	TORTORA, G	15	2016685	2. 0826
1729	WALLASCHOFSKI, H	11	2015876	2. 0818
1730	KOONIN, EV	53	2014120	2. 0800
1731	LO, KS	19	2013403	2. 0792
1732	ROSENBERG, M	19	2012706	2. 0785
1733	ERDMANN, J	54	2012249	2. 0780
1734	AN, ZY	18	2011363	2. 0771
1735	ALBRECHT, E	19	2010107	2. 0758
1736	BAST, RC	20	2009780	2. 0755
1737	CIANFANELLI, V	25	2009023	2. 0747
1738	UHER, R	12	2007372	2. 0730
1739	LIU, W	1245	2007179	2. 0728
1740	ADOLFSSON, R	14	2007171	2. 0728
1741	TREMOLI, E	21	2006937	2. 0725
1742	BROEKS, A	33	2005440	2. 0710
1743	MATARRESE, P	21	2005101	2. 0706
1744	FOROUHI, NG	22	2004085	2. 0696
1745	KO, JL	17	2002112	2. 0676
1746	CHERRY, S	30	2001567	2. 0670
1747	DE VOS, WM	13	2001530	2. 0670
1748	BUCH, S	28	2000890	2. 0663
1749	LONG, GV	35	2000705	2. 0661

1750	ELEMENTO, O	98	2000606	2.0660
1751	ROOT, DE	49	2000196	2.0656
1752	BENJAMIN, DJ	13	1999981	2.0654
1753	ACCILI, D	15	1999817	2.0652
1754	FREZZA, C	63	1999668	2.0650
1755	SCHON, EA	11	1999628	2.0650
1756	FLAHERTY, KT	31	1999016	2.0644
1757	ILLIG, T	41	1998099	2.0634
1758	DESHMUKH, M	16	1997261	2.0625
1759	KIM, DR	19	1996501	2.0618
1760	OLZMANN, JA	16	1995128	2.0603
1761	SCOTT, WR	19	1994544	2.0597
1762	SHAPIRO, H	17	1993169	2.0583
1763	FAUBERT, B	15	1992557	2.0577
1764	VAN DER MOST, PJ	43	1990260	2.0553
1765	DONADELLI, M	20	1989543	2.0546
1766	MENON, MB	19	1988739	2.0537
1767	STUNNENBERG, HG	75	1987788	2.0528
1768	HAUBERG, ME	14	1986769	2.0517
1769	MUÑOZ-PINEDO, C	13	1986655	2.0516
1770	BROOKS, AN	20	1986390	2.0513
1771	STRINGER, S	12	1985347	2.0502
1772	PIERRE, P	23	1982748	2.0476
1773	WAKIMOTO, H	28	1980604	2.0453
1774	HOFER, E	41	1980438	2.0452
1775	SCHRÖDER, B	18	1979380	2.0441
1776	WANG, P	1314	1979000	2.0437
1777	RABINOWITZ, JD	70	1978722	2.0434
1778	MANN, GJ	21	1977406	2.0420
1779	MIRNY, LA	30	1977334	2.0420
1780	FENG, Q	182	1977139	2.0418

1781	CIESLIK, M	30	1976359	2. 0410
1782	SCOLYER, RA	38	1975880	2. 0405
1783	SABARI, BR	19	1974516	2. 0391
1784	FACCHIANO, A	18	1972098	2. 0366
1785	TRAYLOR, M	21	1970057	2. 0345
1786	MCCARROLL, S	11	1969061	2. 0334
1787	BERNARD, A	35	1968262	2. 0326
1788	GANDAL, MJ	30	1968103	2. 0324
1789	SCHREIBER, SL	25	1966726	2. 0310
1790	LIEB, W	63	1965938	2. 0302
1791	KENNEDY, JL	17	1963827	2. 0280
1792	LI, B	1455	1963145	2. 0273
1793	MYHRE, R	11	1963125	2. 0273
1794	SHARPE, AG	11	1963125	2. 0273
1795	TEICHMANN, SA	88	1962907	2. 0271
1796	NIELSEN, SF	27	1962906	2. 0271
1797	WANG, GB	72	1961857	2. 0260
1798	NELSON, PS	45	1958921	2. 0230
1799	ZHAO, BS	25	1957761	2. 0218
1800	TUBIO, JMC	19	1950092	2. 0138
1801	CORTI, D	33	1950068	2. 0138
1802	ZILLIKENS, MC	25	1949374	2. 0131
1803	WANG, YP	545	1948377	2. 0121
1804	COLAPRICO, A	19	1945600	2. 0092
1805	PALMIERI, M	27	1945167	2. 0087
1806	SPANNAGL, M	28	1945147	2. 0087
1807	CARR, VJ	14	1944801	2. 0084
1808	ZHERNAKOVA, A	53	1943827	2. 0074
1809	OSIEWACZ, HD	18	1942421	2. 0059
1810	SINHA, R	59	1941920	2. 0054
1811	GANDIN, I	25	1940449	2. 0039

1812	REVA, B	14	1940375	2.0038
1813	MCDONALD, A	17	1940100	2.0035
1814	HINGORANI, AD	31	1939508	2.0029
1815	YANG, LX	108	1938412	2.0018
1816	FARR, JN	15	1938262	2.0016
1817	TORRENTS, D	29	1937083	2.0004
1818	BU, X	14	1936640	1.9999
1819	HOLLIDAY, EG	23	1935480	1.9987
1820	LYYTIKÄINEN, LP	70	1935217	1.9985
1821	RAINE, K	15	1934633	1.9979
1822	ZHU, JK	92	1934300	1.9975
1823	WONG, VKW	18	1933220	1.9964
1824	BEILBY, J	20	1933176	1.9964
1825	BARBEIRA, AN	18	1931916	1.9951
1826	SURENDRAN, P	34	1930626	1.9937
1827	LIAN, JQ	22	1930531	1.9936
1828	WIDAA, S	11	1930337	1.9934
1829	SAHNI, S	22	1929352	1.9924
1830	BEUTNER, F	12	1927207	1.9902
1831	LEE, EF	19	1925820	1.9888
1832	PROKOPENKO, I	49	1925703	1.9886
1833	NEZIS, IP	19	1921976	1.9848
1834	VAN DEURSEN, JM	27	1921616	1.9844
1835	BÆKVAD-HANSEN, M	23	1919252	1.9820
1836	WATERLAND, RA	12	1919216	1.9820
1837	HACKL, H	16	1918904	1.9816
1838	ELROD, JW	24	1918187	1.9809
1839	RICHARDSON, AL	25	1917117	1.9798
1840	MARIONI, JC	87	1915715	1.9783
1841	RILEY, BP	19	1915658	1.9783
1842	PEINADO, H	24	1915350	1.9780

1843	SHARP, PA	27	1910965	1. 9734
1844	PRAMSTALLER, PP	59	1910921	1. 9734
1845	FELDMAN, J	16	1910601	1. 9731
1846	SUN, Y	1525	1909963	1. 9724
1847	ROSZIK, J	23	1908884	1. 9713
1848	KRONENBERG, F	35	1908477	1. 9709
1849	MALHOTRA, AK	16	1907161	1. 9695
1850	ANGELOVA, M	14	1906985	1. 9693
1851	SIDORENKO, J	27	1905098	1. 9674
1852	LINDSTROM, S	20	1903445	1. 9657
1853	PRINS, BP	22	1903380	1. 9656
1854	DURAND, NC	14	1902551	1. 9647
1855	DOUDNA, JA	52	1901981	1. 9642
1856	PANTELIS, C	14	1901821	1. 9640
1857	BELLENGUEZ, C	20	1901594	1. 9638
1858	XU, Y	1713	1900735	1. 9629
1859	LINNEBERG, A	70	1900457	1. 9626
1860	MCMANUS, MT	32	1900295	1. 9624
1861	BOWEN, JE	12	1899240	1. 9613
1862	HALL, IM	19	1898557	1. 9606
1863	ZHANG, YJ	918	1896265	1. 9582
1864	SULZER, D	11	1896127	1. 9581
1865	OLIVA, M	29	1895941	1. 9579
1866	ZORZANO, A	41	1893963	1. 9559
1867	BACANU, SA	23	1888783	1. 9505
1868	SIDIROPOULOS, N	11	1887004	1. 9487
1869	PETERS, O	13	1884812	1. 9464
1870	LEANDER, K	19	1883987	1. 9456
1871	LAMBRECHTS, D	118	1883477	1. 9450
1872	WARREN, HR	41	1881494	1. 9430
1873	COSTELLO, JF	31	1881375	1. 9429

1874	VIARI, A	11	1881239	1. 9427
1875	SIMPSON, PT	11	1880371	1. 9418
1876	VUCIC, D	31	1879474	1. 9409
1877	WAEBER, G	15	1878342	1. 9397
1878	LU, AT	40	1875756	1. 9371
1879	ZHANG, C	2019	1874362	1. 9356
1880	SEABY, EG	18	1874067	1. 9353
1881	LU, J	692	1874064	1. 9353
1882	BERGEN, SE	15	1872649	1. 9339
1883	LIN, FM	15	1872649	1. 9339
1884	SUNDSTRÖM, J	21	1871422	1. 9326
1885	DAVIES, H	32	1869230	1. 9303
1886	SOOD, AK	73	1869077	1. 9302
1887	PATEN, B	62	1868738	1. 9298
1888	KRAFT, P	139	1868096	1. 9292
1889	CAHILL, DP	17	1867833	1. 9289
1890	OKBAY, A	16	1863225	1. 9241
1891	PINESE, M	19	1862691	1. 9236
1892	NERI, LM	22	1862371	1. 9232
1893	SELL, C	13	1861251	1. 9221
1894	ENGREITZ, JM	30	1861051	1. 9219
1895	MIKKELSEN, TS	17	1859252	1. 9200
1896	MACFARLANE, M	17	1857248	1. 9180
1897	RAO, H	18	1854738	1. 9154
1898	WINKLER, TW	40	1854164	1. 9148
1899	ANNICCHIARICO-PETR	22	1853119	1. 9137
1900	PETERSEN, GM	21	1852998	1. 9136
1901	TONIOLO, D	32	1852302	1. 9128
1902	BERKHOUT, B	11	1848284	1. 9087
1903	DE LEEUW, CA	16	1848267	1. 9087
1904	KASELA, S	34	1848180	1. 9086

1905	WATKINS, TBK	24	1847062	1. 9074
1906	NACMIAS, B	19	1846436	1. 9068
1907	JU, YS	39	1845997	1. 9063
1908	HANSEN, KD	26	1845491	1. 9058
1909	HUANG, M	317	1843115	1. 9034
1910	DAVIS, KL	14	1842610	1. 9028
1911	RANDO, TA	52	1842395	1. 9026
1912	CHEN, Z	1042	1841562	1. 9018
1913	DAVIS, RJ	42	1841288	1. 9015
1914	CLEMENTI, E	20	1841031	1. 9012
1915	KOVÁCS, T	19	1840185	1. 9003
1916	SOTO, J	18	1839381	1. 8995
1917	MANN, M	152	1838923	1. 8990
1918	RIVERA, M	33	1838907	1. 8990
1919	KLEIN, AM	32	1838892	1. 8990
1920	GIUSTI-RODRÍGUEZ,	12	1838500	1. 8986
1921	LE MARCHAND, L	102	1834491	1. 8945
1922	GROOP, L	55	1832802	1. 8927
1923	JACQUES, TS	11	1831916	1. 8918
1924	FAN, J	352	1831779	1. 8917
1925	QUADRILATERO, J	20	1831335	1. 8912
1926	TROUGAKOS, IP	21	1831093	1. 8909
1927	STRASSER, A	95	1830758	1. 8906
1928	DOENCH, JG	53	1829474	1. 8893
1929	WANG, Z	1932	1828251	1. 8880
1930	CARLIN, AF	11	1826191	1. 8859
1931	XING, JC	70	1825483	1. 8852
1932	ENGLAND, EM	14	1823779	1. 8834
1933	ENGELBRECHT, AM	18	1823426	1. 8830
1934	FAN, DP	21	1821606	1. 8811
1935	MOISEYEV, V	21	1821606	1. 8811

1936	LIU, XS	223	1820372	1. 8799
1937	SABA, Y	18	1820232	1. 8797
1938	WAGNER, EF	25	1818722	1. 8782
1939	HALLMANS, G	24	1818302	1. 8777
1940	RIOUX, JD	36	1813475	1. 8728
1941	GOPALAN, A	17	1812568	1. 8718
1942	ELLIOTT, G	12	1811187	1. 8704
1943	JUIN, PP	14	1808652	1. 8678
1944	HUANG, Y	1492	1808066	1. 8672
1945	MEIER, P	31	1805781	1. 8648
1946	PERICAK-VANCE, MA	40	1805400	1. 8644
1947	COLLIER, DA	23	1802061	1. 8610
1948	BAKER, DJ	27	1799842	1. 8587
1949	SACHS, N	14	1798602	1. 8574
1950	DORN, GW	24	1798001	1. 8568
1951	YAGHOOTKAR, H	32	1797408	1. 8562
1952	GALIMBERTI, D	20	1797001	1. 8557
1953	LIN, KH	90	1796912	1. 8556
1954	LIU, XM	509	1796677	1. 8554
1955	LINDQVIST, LM	14	1796423	1. 8551
1956	HANAHAN, D	16	1796257	1. 8550
1957	LEE, NR	32	1795010	1. 8537
1958	CHANOCK, SJ	148	1794463	1. 8531
1959	REICHERT, AS	24	1792509	1. 8511
1960	GAO, RR	17	1792399	1. 8510
1961	NELSON, J	20	1792208	1. 8508
1962	SCHWAB, SG	11	1792162	1. 8507
1963	HAINES, JL	48	1790694	1. 8492
1964	LOEFFLER, M	35	1789435	1. 8479
1965	JOYCE, JA	28	1789248	1. 8477
1966	BROWN, CD	39	1786889	1. 8453

1967	HARDY, J	79	1786784	1. 8452
1968	LOBODA, A	19	1783380	1. 8417
1969	SHENG, ZH	29	1781618	1. 8399
1970	VELLAI, T	20	1780851	1. 8391
1971	COOPER, RS	22	1780686	1. 8389
1972	CUCCARO, ML	19	1780336	1. 8385
1973	BYERS, LA	29	1780156	1. 8383
1974	JORGENSEN, T	34	1778911	1. 8371
1975	NAGY, P	30	1777307	1. 8354
1976	GIGANTE, B	22	1777290	1. 8354
1977	BERTRAND, MJM	30	1776309	1. 8344
1978	SONG, XZ	55	1775876	1. 8339
1979	ZHANG, FT	58	1774840	1. 8329
1980	VAN DER LAAN, SW	35	1774565	1. 8326
1981	ANDERSON, CA	34	1774293	1. 8323
1982	SIGNORETTI, S	44	1773225	1. 8312
1983	SIMONSEN, A	50	1772845	1. 8308
1984	FRANCO-CERECEDA, A	19	1772352	1. 8303
1985	TZOURIO, C	15	1768853	1. 8267
1986	DE FAIRE, U	21	1768418	1. 8262
1987	MOLINARI, M	26	1768021	1. 8258
1988	VAN WAES, C	12	1767921	1. 8257
1989	WENDL, MC	25	1766241	1. 8240
1990	TSCHAN, MP	22	1764806	1. 8225
1991	CARMELIET, P	84	1764645	1. 8223
1992	CIRONE, M	20	1763586	1. 8212
1993	VAN OUDENAARDEN, A	70	1763268	1. 8209
1994	KOELLINGER, PD	11	1763185	1. 8208
1995	WANG, T	1580	1762718	1. 8203
1996	SLAVOV, N	17	1760027	1. 8176
1997	MAKAROVA, KS	31	1758795	1. 8163

1998	KUNDU, M	26	1758661	1. 8161
1999	FONG, L	15	1758566	1. 8160
2000	BRUMELL, JH	28	1758530	1. 8160
2001	VIALE, A	33	1758156	1. 8156
2002	BLANGERO, J	90	1756979	1. 8144
2003	YACHIDA, S	14	1756527	1. 8139
2004	KOROLCHUK, VI	19	1756497	1. 8139
2005	VATAN, L	12	1756425	1. 8138
2006	DIAZ-MECO, MT	31	1755964	1. 8134
2007	ZHANG, WH	353	1755064	1. 8124
2008	KRASNOW, MA	20	1754689	1. 8120
2009	LUSIS, AJ	69	1754538	1. 8119
2010	GUDBJARTSSON, DF	128	1751925	1. 8092
2011	TRIPATHI, DN	12	1751837	1. 8091
2012	OCONNELL, JR	59	1750577	1. 8078
2013	GARNETT, MJ	39	1749008	1. 8062
2014	BONALDO, P	26	1748797	1. 8060
2015	MULLER, S	22	1748406	1. 8056
2016	QU, LM	15	1747610	1. 8047
2017	COSTES, S	11	1747243	1. 8044
2018	DEBATIN, KM	22	1746163	1. 8032
2019	BIRNEY, E	41	1744801	1. 8018
2020	GUAN, JL	58	1743135	1. 8001
2021	COELHO, LP	13	1741428	1. 7984
2022	LEUNG, D	16	1741107	1. 7980
2023	BOYER, LA	14	1740984	1. 7979
2024	LUNETTA, KL	63	1740656	1. 7976
2025	THIERY, J	25	1739761	1. 7966
2026	LIPPMAN, SM	18	1739740	1. 7966
2027	NARENDRA, DP	15	1739427	1. 7963
2028	LIEBSCHNER, D	11	1739277	1. 7961

2029	KONTE, B	15	1738082	1. 7949
2030	BRENNER, C	33	1737852	1. 7947
2031	FRANCIS, JM	12	1737363	1. 7942
2032	SCHULTE, EC	19	1735290	1. 7920
2033	MIAO, CY	12	1735081	1. 7918
2034	FINOCCHIARO, G	18	1733503	1. 7902
2035	PESSIN, JE	14	1732566	1. 7892
2036	KONG, Y	150	1732524	1. 7892
2037	FARRER, LA	30	1729897	1. 7864
2038	WELLS, JA	20	1729308	1. 7858
2039	ZILLER, MJ	21	1728573	1. 7851
2040	ST POURCAIN, B	29	1728511	1. 7850
2041	DI BARTOLOMEO, S	11	1728130	1. 7846
2042	MCKNIGHT, B	26	1727575	1. 7840
2043	STROHMAIER, J	21	1726869	1. 7833
2044	TANAKA, T	336	1725429	1. 7818
2045	JORGENSEN, E	51	1724798	1. 7812
2046	CHRISTIAN, KM	12	1723692	1. 7800
2047	ZHAO, W	623	1721773	1. 7781
2048	FRIGO, DE	11	1718634	1. 7748
2049	LISTER, R	33	1716833	1. 7730
2050	HAIMAN, CA	122	1715234	1. 7713
2051	HUTTENHOWER, C	37	1715080	1. 7711
2052	LI, BS	110	1713516	1. 7695
2053	MOFFATT, MF	16	1713481	1. 7695
2054	KRAMMER, F	20	1712295	1. 7683
2055	LOTAN-POMPAN, M	13	1711563	1. 7675
2056	CAMPION, D	32	1711250	1. 7672
2057	NELSON, CP	57	1710102	1. 7660
2058	GRARUP, N	102	1710042	1. 7659
2059	EILS, R	74	1709432	1. 7653

2060	VON GOTTBURG, A	14	1708720	1. 7646
2061	MAYER, KFX	33	1708673	1. 7645
2062	WEISSMAN, MM	12	1707071	1. 7629
2063	POSTMA, DS	15	1706890	1. 7627
2064	KIM, Y	744	1705725	1. 7615
2065	KOH, A	22	1704153	1. 7599
2066	LIN, P	159	1703939	1. 7596
2067	SADELAIN, M	20	1703528	1. 7592
2068	MAIURI, MC	40	1703213	1. 7589
2069	MUNROE, PB	82	1703210	1. 7589
2070	BLAGOSKLONNY, MV	24	1702381	1. 7580
2071	YANG, H	1199	1701403	1. 7570
2072	HAMA, N	12	1701027	1. 7566
2073	NORTH, KE	135	1700773	1. 7564
2074	CNOP, M	12	1700289	1. 7559
2075	BEEKMAN, M	54	1699219	1. 7548
2076	ADAM, D	22	1699142	1. 7547
2077	HONG, C	56	1698582	1. 7541
2078	LUNDEBERG, J	26	1697808	1. 7533
2079	WILKINSON, S	25	1696246	1. 7517
2080	LEE, H	778	1696014	1. 7515
2081	IAVARONE, A	39	1691036	1. 7463
2082	LIU, EM	17	1690591	1. 7459
2083	SCHAEFER, L	21	1690344	1. 7456
2084	HUANG, J	1174	1689961	1. 7452
2085	FRANK, J	56	1688844	1. 7440
2086	MADESH, M	38	1688428	1. 7436
2087	BASSI, C	21	1688078	1. 7433
2088	PAUL, DS	30	1687915	1. 7431
2089	GELLER, F	28	1687567	1. 7427
2090	HWANG, J	106	1687398	1. 7426

2091	GNJATIC, S	18	1687303	1. 7425
2092	LANZAVECCHIA, A	22	1686936	1. 7421
2093	TANSEY, KE	12	1684516	1. 7396
2094	KIM, PK	29	1684349	1. 7394
2095	DAN, JM	17	1684281	1. 7393
2096	ANDERSON, MJ	18	1684230	1. 7393
2097	LIU, H	1872	1682747	1. 7378
2098	IZZO, V	13	1682644	1. 7376
2099	DHANASEKARAN, SM	20	1682580	1. 7376
2100	ZAPATKA, M	26	1681498	1. 7365
2101	ELLINOR, PT	106	1681299	1. 7363
2102	GOEL, A	112	1680960	1. 7359
2103	KÖHLER, K	12	1680757	1. 7357
2104	COYNE, CB	11	1677803	1. 7326
2105	MACKALL, CL	26	1677416	1. 7322
2106	JUSTICE, MJ	17	1677401	1. 7322
2107	ALVES, S	21	1677350	1. 7322
2108	FERRARO, E	11	1676206	1. 7310
2109	STORK, B	25	1675989	1. 7308
2110	WALCZAK, H	44	1673919	1. 7286
2111	SCHWARTZ, RE	35	1673853	1. 7286
2112	DUMAS, ME	12	1673295	1. 7280
2113	NG, AWT	12	1673295	1. 7280
2114	FISHER, SJ	15	1672655	1. 7273
2115	HARRIS, KM	15	1672655	1. 7273
2116	ENGELBORGH, S	11	1671548	1. 7262
2117	CHEN, Q	1085	1671461	1. 7261
2118	SHEPHERD, R	11	1668404	1. 7229
2119	BEHL, C	21	1667752	1. 7223
2120	CHEVET, E	32	1667585	1. 7221
2121	LIU, T	1022	1667097	1. 7216

2122	NAJ, AC	13	1666862	1.7213
2123	LIU, B	1187	1666591	1.7211
2124	PEYROT, WJ	16	1666048	1.7205
2125	TETTAMANTI, G	23	1664820	1.7192
2126	ZHOU, J	1475	1664116	1.7185
2127	CERRATO, F	24	1662698	1.7170
2128	OH, YJ	23	1662692	1.7170
2129	FOLKERSEN, L	25	1662552	1.7169
2130	THIENPONT, B	30	1660018	1.7143
2131	VANDENBERGHE, R	12	1659879	1.7141
2132	HOVINGH, GK	17	1659210	1.7134
2133	LI, G	763	1659049	1.7133
2134	GRAY, NS	58	1657170	1.7113
2135	BARRES, BA	17	1655478	1.7096
2136	DE DEYN, PP	11	1655212	1.7093
2137	HORN, C	11	1655212	1.7093
2138	CHEN, S	1107	1654339	1.7084
2139	LI, Z	1480	1652886	1.7069
2140	VERMEULEN, SH	13	1652563	1.7066
2141	HUCH, M	29	1650804	1.7048
2142	ALBERT, ML	17	1649863	1.7038
2143	GAO, Y	1410	1649158	1.7031
2144	PARKES, M	20	1649102	1.7030
2145	GYLLENSTEN, U	47	1648075	1.7019
2146	LAMBERT, JC	15	1647389	1.7012
2147	BARRETT, A	17	1647347	1.7012
2148	WORKALEMAHU, T	14	1645728	1.6995
2149	SAEB-PARSY, K	34	1645600	1.6994
2150	LEE, MJ	131	1644411	1.6982
2151	BORNSTEIN, SR	25	1643524	1.6972
2152	BOIJA, A	13	1642581	1.6963

2153	GOES, FS	16	1639655	1. 6933
2154	SEMENZA, GL	34	1639015	1. 6926
2155	GERHARD, DS	20	1637064	1. 6906
2156	JONASCH, E	20	1637064	1. 6906
2157	KRISTENSEN, LS	16	1635841	1. 6893
2158	ALTIERI, DC	30	1635668	1. 6891
2159	SHARPE, AH	23	1635364	1. 6888
2160	SANDERS, SJ	47	1634947	1. 6884
2161	WOJCZYNSKI, MK	28	1634936	1. 6884
2162	GODDARD, ME	57	1634373	1. 6878
2163	FESCHOTTE, C	35	1632960	1. 6863
2164	GHETTI, B	14	1631359	1. 6847
2165	SANDSTROM, R	13	1631229	1. 6845
2166	LEE-SIX, H	19	1631131	1. 6844
2167	KANAMORI, H	18	1630818	1. 6841
2168	FON, EA	28	1630599	1. 6839
2169	TROJANOWSKI, JQ	20	1630205	1. 6835
2170	SANDERS, AR	20	1629634	1. 6829
2171	KAPLAN, RC	38	1629513	1. 6828
2172	YIN, Y	297	1628950	1. 6822
2173	CAMERONI, E	14	1628609	1. 6818
2174	MACINTYRE, G	19	1627593	1. 6808
2175	TRAJANOSKI, Z	21	1627409	1. 6806
2176	MASTERS, SL	24	1627115	1. 6803
2177	ZHU, J	858	1626524	1. 6797
2178	VAZQUEZ, F	46	1625102	1. 6782
2179	CHOUAIB, S	17	1625050	1. 6782
2180	QI, L	216	1624439	1. 6775
2181	ZOU, LH	24	1622910	1. 6760
2182	LEVINE, ME	23	1622102	1. 6751
2183	SCHMIDT, AG	23	1622102	1. 6751

2184	CARROLL, MW	16	1621828	1. 6748
2185	ICHIJO, H	27	1621628	1. 6746
2186	KOIKE, M	34	1621030	1. 6740
2187	MILLER, CA	34	1620148	1. 6731
2188	BRORS, B	43	1619514	1. 6725
2189	YOUNG, A	45	1618833	1. 6717
2190	PAJIC, M	22	1618429	1. 6713
2191	WHIFFIN, N	28	1618065	1. 6710
2192	DASGUPTA, B	12	1617751	1. 6706
2193	ROBINSON, DR	12	1615549	1. 6684
2194	DE CRAEN, AJM	19	1614785	1. 6676
2195	SACHSE, C	29	1614233	1. 6670
2196	WU, H	985	1614100	1. 6669
2197	ELLIS, P	17	1613933	1. 6667
2198	CHEN, H	1768	1611603	1. 6643
2199	VON MERING, C	13	1611470	1. 6641
2200	ELLIOTT, P	57	1611094	1. 6638
2201	KJEMS, J	25	1610869	1. 6635
2202	BRODY, JA	106	1609123	1. 6617
2203	BELTRAN, H	33	1608237	1. 6608
2204	LO, RS	18	1608028	1. 6606
2205	DRAKE, CG	12	1607472	1. 6600
2206	ASHENBERG, O	21	1606886	1. 6594
2207	GHARAVI, AG	23	1606680	1. 6592
2208	CHINES, PS	22	1606517	1. 6590
2209	KELLER, MC	30	1605430	1. 6579
2210	SCHWARTZ, A	17	1605283	1. 6578
2211	LEBRASSEUR, NK	33	1605163	1. 6576
2212	BACCARELLI, AA	70	1605158	1. 6576
2213	CORTI, O	13	1603716	1. 6561
2214	CZABOTAR, PE	37	1603248	1. 6557

2215	ABRAHAM, BJ	38	1601028	1. 6534
2216	BASU, A	101	1600691	1. 6530
2217	GUINNEY, J	14	1600085	1. 6524
2218	LORINCZ, P	23	1599847	1. 6521
2219	OTSU, K	28	1599388	1. 6517
2220	WANG, XJ	778	1599323	1. 6516
2221	GIORGINI, F	11	1597529	1. 6497
2222	JONES, DR	32	1597158	1. 6494
2223	BOECKX, B	30	1597113	1. 6493
2224	FILIPPI-CHIELA, EC	11	1596771	1. 6490
2225	LAPIERRE, LR	14	1596693	1. 6489
2226	ROCHA, S	36	1596407	1. 6486
2227	BHUTIA, SK	27	1594828	1. 6470
2228	SAEZ-RODRIGUEZ, J	67	1594792	1. 6469
2229	PICCOLO, S	30	1594345	1. 6465
2230	POLETTI, A	31	1592443	1. 6445
2231	STEIN, N	45	1590837	1. 6428
2232	NORBERG, E	11	1589156	1. 6411
2233	ZHU, HM	72	1588998	1. 6409
2234	DIENSTMANN, R	12	1588482	1. 6404
2235	WU, RH	74	1588207	1. 6401
2236	MITCHELL, C	34	1587177	1. 6391
2237	STUART, D	12	1587056	1. 6389
2238	LEWIS, G	13	1586884	1. 6388
2239	PREISIG, M	13	1586884	1. 6388
2240	EBRAHIMI-FAKHARI,	24	1586184	1. 6380
2241	BISGAARD, H	28	1586032	1. 6379
2242	FREINKMAN, E	22	1584961	1. 6368
2243	MA, Y	673	1584893	1. 6367
2244	DUNN, EC	11	1584621	1. 6364
2245	HEMANI, G	67	1584395	1. 6362

2246	MELINO, G	148	1583820	1. 6356
2247	BROOKES, PS	12	1582695	1. 6344
2248	HAN, Y	620	1582488	1. 6342
2249	GRÖNBERG, H	11	1582314	1. 6340
2250	FISHER, PB	24	1582094	1. 6338
2251	WEAVER, S	18	1581804	1. 6335
2252	HU, MC	25	1581558	1. 6333
2253	HABERER, G	18	1578266	1. 6299
2254	ZHOU, W	553	1578187	1. 6298
2255	ROMANELLO, V	14	1577837	1. 6294
2256	HAKONARSON, H	211	1577290	1. 6288
2257	PFISTER, SM	88	1576871	1. 6284
2258	LEE, HJ	431	1576593	1. 6281
2259	GRUNE, T	25	1575527	1. 6270
2260	EAPEN, V	15	1575304	1. 6268
2261	LAMBE, T	15	1575304	1. 6268
2262	JIN, HC	37	1575047	1. 6265
2263	PROIA, RL	11	1574734	1. 6262
2264	YIP, CK	21	1574408	1. 6259
2265	VIRTAMO, J	14	1573851	1. 6253
2266	FEENSTRA, B	37	1573459	1. 6249
2267	BROWN, MA	72	1573248	1. 6247
2268	MARETTE, A	13	1572978	1. 6244
2269	VINCENT-SALOMON, A	34	1572953	1. 6244
2270	HOLMEN, OL	17	1572915	1. 6243
2271	CORDENONSI, M	14	1572477	1. 6239
2272	DIRIX, L	13	1571559	1. 6229
2273	PEARSON, JV	18	1569413	1. 6207
2274	LEE, YR	39	1567988	1. 6192
2275	NORTHCOTT, PA	41	1567644	1. 6189
2276	WARNATZ, HJ	12	1567479	1. 6187

2277	WARRELL, J	12	1567479	1. 6187
2278	PALLESEN, J	13	1566688	1. 6179
2279	CRAGG, MS	16	1565614	1. 6168
2280	SUVISAARI, J	16	1565001	1. 6162
2281	FUTREAL, PA	30	1564997	1. 6162
2282	HARNEY, E	14	1564477	1. 6156
2283	SEGATA, N	39	1563240	1. 6143
2284	DIANTONIO, A	14	1561784	1. 6128
2285	LAWLOR, RT	22	1561429	1. 6125
2286	REDDY, A	22	1561429	1. 6125
2287	HANDA, JT	13	1559749	1. 6107
2288	EICHINGER, L	21	1559131	1. 6101
2289	GLODZIK, D	12	1556655	1. 6075
2290	CAHN, W	11	1556633	1. 6075
2291	ALBERT, M	24	1556543	1. 6074
2292	XIE, ZP	25	1556506	1. 6074
2293	DE LAURENZI, V	27	1555699	1. 6066
2294	DIAMOND, MS	76	1554988	1. 6058
2295	LIU, YM	430	1553104	1. 6039
2296	GIBELLINI, L	11	1552892	1. 6037
2297	ISAACS, A	47	1552423	1. 6032
2298	ISING, M	12	1552336	1. 6031
2299	WHERRY, EJ	33	1551347	1. 6021
2300	JUHÁSZ, G	47	1551013	1. 6017
2301	SPELLMAN, PT	15	1549469	1. 6001
2302	ROBERTS, ND	11	1547621	1. 5982
2303	YU, L	738	1547290	1. 5979
2304	IP, NY	11	1546875	1. 5974
2305	JIANG, H	723	1544015	1. 5945
2306	LEE, JH	995	1543027	1. 5935
2307	ZHANG, K	956	1542729	1. 5932

2308	BERCHEM, G	12	1542267	1. 5927
2309	SUSZTAK, K	48	1541564	1. 5920
2310	ARCILA, ME	12	1541564	1. 5920
2311	REIMAN, EM	18	1541177	1. 5916
2312	GARRISON, E	27	1540344	1. 5907
2313	GISPERT, S	11	1540125	1. 5905
2314	LEE, JY	419	1539687	1. 5900
2315	TAYLOR-WEINER, A	16	1539473	1. 5898
2316	DELORENZI, M	17	1538393	1. 5887
2317	COSSARIZZA, A	15	1537921	1. 5882
2318	STARR, JM	51	1537143	1. 5874
2319	SCHADENDORF, D	43	1536003	1. 5862
2320	LIU, CL	246	1535717	1. 5859
2321	ALLIS, CD	44	1534876	1. 5850
2322	SMITH, KS	36	1534692	1. 5849
2323	MAYAKONDA, A	12	1533675	1. 5838
2324	STARCZYNOWSKI, DT	12	1532231	1. 5823
2325	KUNKLE, BW	14	1531888	1. 5820
2326	BOUCHARD, C	44	1531553	1. 5816
2327	SHACKLETON, M	15	1531507	1. 5816
2328	YANG, Q	856	1530729	1. 5808
2329	DESPANDE, V	32	1530393	1. 5804
2330	JIN, X	421	1529351	1. 5793
2331	HE, RR	25	1528190	1. 5781
2332	SIEUWERTS, AM	20	1527939	1. 5779
2333	TUOMI, T	37	1527582	1. 5775
2334	WEEDON, MN	43	1527361	1. 5773
2335	BACHETTI, T	12	1527247	1. 5772
2336	CHEN, JJ	529	1527114	1. 5770
2337	GEORGIU, G	22	1526956	1. 5769
2338	MIYAZAWA, K	25	1526707	1. 5766

2339	CHANG, YQ	73	1526147	1. 5760
2340	ZHANG, T	1285	1525717	1. 5756
2341	PLOMIN, R	36	1525628	1. 5755
2342	PARK, OK	12	1525107	1. 5750
2343	MCKNIGHT, AJ	22	1524860	1. 5747
2344	GUSEV, A	67	1523431	1. 5732
2345	ZHUANG, XH	26	1523158	1. 5729
2346	SCHULTZE, JL	44	1521874	1. 5716
2347	NG, S	25	1520782	1. 5705
2348	EVANS, DM	63	1520762	1. 5705
2349	FINKEL, T	37	1520678	1. 5704
2350	DAMME, M	28	1520586	1. 5703
2351	MASCHER, M	42	1520018	1. 5697
2352	MONTINE, TJ	13	1519181	1. 5688
2353	PATO, MT	26	1518287	1. 5679
2354	LYNCH, AG	26	1516871	1. 5665
2355	GYGI, SP	172	1516834	1. 5664
2356	ZHONG, Q	122	1516128	1. 5657
2357	RIAZ, N	30	1516051	1. 5656
2358	KOVÁCS, AL	12	1515866	1. 5654
2359	LIN, Y	815	1515496	1. 5650
2360	LOOHUIS, LMO	16	1515361	1. 5649
2361	OREN, M	41	1515236	1. 5648
2362	MA, HH	64	1512900	1. 5624
2363	ZHANG, CZ	103	1511464	1. 5609
2364	DEN RUIJTER, HM	14	1511422	1. 5608
2365	JANSEN, IE	16	1511043	1. 5604
2366	MOLINA, H	42	1510483	1. 5599
2367	VOEST, EE	32	1510322	1. 5597
2368	GENTLES, AJ	19	1509803	1. 5592
2369	FUEYO, J	11	1509584	1. 5589

2370	ROSENFELD, JA	183	1508476	1. 5578
2371	SILKE, J	52	1506876	1. 5561
2372	HAMILTON-NELSON, K	13	1506876	1. 5561
2373	BERGSTROM, EN	15	1506685	1. 5559
2374	JESSEN, F	12	1506611	1. 5559
2375	WEISCHENFELDT, J	27	1506184	1. 5554
2376	ZACCARA, S	12	1504486	1. 5537
2377	LIFTON, RP	70	1502607	1. 5517
2378	ZHANG, HL	590	1502396	1. 5515
2379	HODI, FS	25	1501115	1. 5502
2380	ARTYOMOV, MN	31	1500400	1. 5494
2381	HERNANDEZ, C	29	1500260	1. 5493
2382	YANG, LM	108	1500240	1. 5493
2383	RUNZ, H	30	1499484	1. 5485
2384	GU, SQ	13	1499422	1. 5484
2385	HEAVENS, D	15	1499088	1. 5481
2386	LEWIS, PA	27	1499078	1. 5481
2387	GOMES, AV	12	1498854	1. 5478
2388	BEACH, TG	28	1497834	1. 5468
2389	FERON, O	17	1497154	1. 5461
2390	COCCA, M	34	1496856	1. 5458
2391	BORG, Å	25	1496708	1. 5456
2392	ESKIN, E	56	1496313	1. 5452
2393	COSTA-SILVA, B	11	1496303	1. 5452
2394	LIU, F	1291	1495820	1. 5447
2395	HURLEY, JH	49	1495692	1. 5446
2396	PAGANETTI, P	12	1495308	1. 5442
2397	HUFFMAN, JE	61	1495148	1. 5440
2398	BJEDOV, I	13	1494665	1. 5435
2399	TAYLOR, K	30	1494547	1. 5434
2400	MARSAL, S	12	1493882	1. 5427

2401	REYES, L	11	1492595	1. 5414
2402	PASTORE, A	32	1492569	1. 5414
2403	JUNGBLUTH, H	23	1492033	1. 5408
2404	ADAMS, CM	19	1491838	1. 5406
2405	REID, J	14	1491139	1. 5399
2406	LIBRADO, P	24	1490037	1. 5387
2407	GUSTAFSSON, ÅB	12	1488961	1. 5376
2408	BATHE, OF	13	1488534	1. 5372
2409	SHIBATA, T	97	1488298	1. 5369
2410	HARMELIN, A	14	1487864	1. 5365
2411	LENCZ, T	27	1486381	1. 5350
2412	LUBITZ, SA	67	1485426	1. 5340
2413	SANGHERA, DK	12	1484737	1. 5333
2414	RODRIGUEZ, H	32	1483486	1. 5320
2415	RITCHIE, MD	81	1483243	1. 5317
2416	SPECTOR, T	33	1483152	1. 5316
2417	LIEWALD, DCM	19	1482896	1. 5314
2418	DOLD, C	16	1481685	1. 5301
2419	STEVES, CJ	16	1481089	1. 5295
2420	MANYAM, GC	12	1479830	1. 5282
2421	CAO, XH	61	1479781	1. 5282
2422	EELES, RA	32	1479200	1. 5276
2423	JIANG, L	694	1478874	1. 5272
2424	BRAUS, GH	27	1478412	1. 5267
2425	SHE, H	12	1478412	1. 5267
2426	WU, M	465	1477627	1. 5259
2427	BENNER, C	53	1477429	1. 5257
2428	DENG, XY	144	1477068	1. 5253
2429	BOJ, SF	14	1476820	1. 5251
2430	FENG, FY	50	1476793	1. 5251
2431	OLDMEADOW, C	19	1476751	1. 5250

2432	PASTERKAMP, G	30	1476279	1. 5245
2433	DOMSCHKE, K	14	1475489	1. 5237
2434	DANGELO, G	33	1475077	1. 5233
2435	MILOSAVLJEVIC, A	21	1474725	1. 5229
2436	STOTT, DJ	21	1474725	1. 5229
2437	AUWERX, J	78	1474443	1. 5226
2438	LE CAM, L	11	1474244	1. 5224
2439	WHEELER, D	23	1474209	1. 5224
2440	MCFARLAND, JM	19	1473981	1. 5222
2441	MING, GL	65	1473034	1. 5212
2442	RAY, SK	23	1472693	1. 5208
2443	SCIARRETTA, S	28	1472042	1. 5202
2444	FINKBEINER, S	32	1471908	1. 5200
2445	DE MARIA, R	43	1471331	1. 5194
2446	HUMPHRIES, SE	26	1471288	1. 5194
2447	SONG, SY	88	1470333	1. 5184
2448	MARTEN, J	42	1469809	1. 5179
2449	MORRIS, JC	31	1469745	1. 5178
2450	TAN, ST	20	1469362	1. 5174
2451	LI, R	989	1468109	1. 5161
2452	ITTMANN, M	23	1467664	1. 5156
2453	HIMMELBACH, A	36	1466150	1. 5141
2454	BITON, M	15	1465781	1. 5137
2455	MORGAN, MJ	15	1465781	1. 5137
2456	DING, WX	29	1464986	1. 5129
2457	BOYD, J	18	1464913	1. 5128
2458	DEGHAN, A	70	1463887	1. 5117
2459	JOHNSON, AD	85	1463628	1. 5115
2460	WINSVOLD, BS	20	1463405	1. 5112
2461	LEVY, S	39	1463134	1. 5110
2462	HA, G	30	1462999	1. 5108

2463	OOSTING, M	19	1462822	1. 5106
2464	RATHMELL, JC	26	1461845	1. 5096
2465	DUBOIS, B	13	1460932	1. 5087
2466	IMAKAEV, M	17	1460025	1. 5077
2467	ZHENG, LT	18	1459782	1. 5075
2468	WANG, G	641	1459707	1. 5074
2469	BLANC, L	11	1459630	1. 5073
2470	PARDIÑAS, AF	16	1459264	1. 5070
2471	LIU, BH	139	1458888	1. 5066
2472	ROHLAND, N	68	1458250	1. 5059
2473	DEPINHO, RA	37	1458056	1. 5057
2474	TANAY, A	40	1455842	1. 5034
2475	MACINNIS, RJ	21	1455191	1. 5028
2476	READ, RJ	34	1454776	1. 5023
2477	STONE, E	13	1454232	1. 5018
2478	NIEDERNHOFER, LJ	45	1453656	1. 5012
2479	RUSSO, G	61	1453111	1. 5006
2480	BAYER, KU	11	1453073	1. 5006
2481	WOOD, W	23	1453054	1. 5006
2482	MAUTHE, M	12	1452566	1. 5000
2483	BRAMON, E	17	1451848	1. 4993
2484	THIERY, JP	44	1450563	1. 4980
2485	TRISCIUOGLIO, D	22	1449472	1. 4969
2486	BILENKY, M	18	1448419	1. 4958
2487	BONDER, MJ	44	1447253	1. 4946
2488	GINHOX, F	64	1446914	1. 4942
2489	MALLICK, S	84	1446548	1. 4938
2490	KOTE-JARAI, Z	39	1446126	1. 4934
2491	MITCHELL, TJ	21	1445714	1. 4930
2492	PATERNOSTER, L	36	1445613	1. 4929
2493	MOLKENTIN, JD	34	1444905	1. 4921

2494	MAITRA, A	67	1444857	1. 4921
2495	BORK-JENSEN, J	34	1444073	1. 4913
2496	BINDER, EB	40	1444000	1. 4912
2497	TAI, ES	61	1443882	1. 4911
2498	WU, JY	487	1443368	1. 4905
2499	SOBELL, JL	11	1442925	1. 4901
2500	HÖHFELD, J	12	1442827	1. 4900
2501	DING, ZF	11	1442204	1. 4893
2502	SUN, J	950	1442104	1. 4892
2503	ALMGREN, P	25	1441921	1. 4891
2504	PASQUIER, F	19	1441810	1. 4889
2505	KAUFMANN, T	34	1441576	1. 4887
2506	DORI-BACHASH, M	11	1441484	1. 4886
2507	CHANG, I	23	1440977	1. 4881
2508	ZHOU, H	858	1440014	1. 4871
2509	FÆRGEMAN, NJ	11	1438604	1. 4856
2510	SINGLETON, AB	33	1438563	1. 4856
2511	FAN, X	197	1438465	1. 4855
2512	POTASH, JB	32	1437377	1. 4844
2513	DEPAMPHILIS, CW	16	1436378	1. 4833
2514	RAN, Q	27	1436133	1. 4831
2515	FRANZMANN, TM	23	1436003	1. 4829
2516	SHEN, CKJ	11	1435687	1. 4826
2517	CORAZZARI, M	14	1434867	1. 4818
2518	ZHU, JJ	263	1434731	1. 4816
2519	SAHU, A	31	1433805	1. 4807
2520	DASH, S	43	1433096	1. 4799
2521	BERTRAM, L	20	1432730	1. 4796
2522	OMER, AD	14	1432333	1. 4792
2523	MOSTOWY, S	26	1431182	1. 4780
2524	TEJPAR, S	23	1430980	1. 4778

2525	AHLUWALIA, TS	44	1430320	1. 4771
2526	VIDAL, M	80	1429574	1. 4763
2527	LOCASALE, JW	59	1428995	1. 4757
2528	PAUSE, A	18	1428602	1. 4753
2529	HUNT, SC	24	1427908	1. 4746
2530	RICH, SS	169	1427885	1. 4746
2531	BROWN, D	52	1427585	1. 4742
2532	RIBASÉS, M	18	1427481	1. 4741
2533	GABRIELSEN, ME	20	1426848	1. 4735
2534	KOOL, M	61	1426684	1. 4733
2535	DESTEFANO, AL	15	1426658	1. 4733
2536	LEI, G	20	1426314	1. 4729
2537	FUDENBERG, G	16	1426221	1. 4728
2538	BOOT, A	15	1426026	1. 4726
2539	MANNING, BD	22	1425480	1. 4721
2540	ODONNELL, CJ	81	1424844	1. 4714
2541	SUNYAEV, S	21	1424826	1. 4714
2542	FANOUS, AH	14	1424654	1. 4712
2543	HERMAN, JG	22	1423933	1. 4705
2544	LIU, XG	221	1423572	1. 4701
2545	GOVINDAN, R	20	1423111	1. 4696
2546	HAAS, BJ	12	1422097	1. 4686
2547	WALKER, M	89	1421761	1. 4682
2548	MOSQUERA, JM	18	1421298	1. 4678
2549	ZHU, H	587	1420945	1. 4674
2550	ROSENSTIEL, P	62	1420268	1. 4667
2551	WHITSEL, EA	32	1420059	1. 4665
2552	RAO, DC	62	1419439	1. 4658
2553	TAKÁTS, S	12	1419358	1. 4658
2554	VERSTEEG, R	20	1418314	1. 4647
2555	BRADLEY, RK	38	1417794	1. 4641

2556	GARCÍA-SÁEZ, AJ	25	1417528	1. 4639
2557	BÖTTCHER, Y	16	1415517	1. 4618
2558	CARAGLIA, M	36	1415323	1. 4616
2559	ITAHANA, K	11	1414121	1. 4603
2560	JONES, TR	20	1414056	1. 4603
2561	ST GEORGE-HYSLOP,	16	1413721	1. 4599
2562	AIDEN, EL	69	1413310	1. 4595
2563	WALKER, CL	22	1413237	1. 4594
2564	OUTEIRO, TF	33	1412781	1. 4590
2565	BLANK, CU	21	1408701	1. 4547
2566	LOOS, B	27	1408604	1. 4546
2567	GONZALEZ-PEREZ, A	29	1408449	1. 4545
2568	VILLUNGER, A	56	1408438	1. 4545
2569	PEÑA, FJ	12	1408346	1. 4544
2570	REUBEN, A	14	1407474	1. 4535
2571	PARDO, J	12	1407004	1. 4530
2572	KARIM, SA	11	1406956	1. 4529
2573	PETERSEN, M	27	1406292	1. 4523
2574	MYERS, RM	61	1405424	1. 4514
2575	KHERA, AV	28	1405403	1. 4513
2576	YAO, J	473	1404956	1. 4509
2577	CASTETS, P	11	1404782	1. 4507
2578	OUYANG, DY	14	1404292	1. 4502
2579	YAMAMOTO, M	328	1403372	1. 4492
2580	RAMESH, R	11	1403360	1. 4492
2581	VAWTER, MP	11	1403360	1. 4492
2582	HARRIS, AL	38	1402741	1. 4486
2583	CHEN, YDI	111	1402540	1. 4484
2584	RUEEDI, R	19	1402412	1. 4483
2585	WICKER, T	29	1401827	1. 4476
2586	GRATTEN, J	23	1401728	1. 4475

2587	NEWMAN, AM	20	1401322	1. 4471
2588	ZHENG, W	392	1401238	1. 4470
2589	EASTON, DF	120	1401214	1. 4470
2590	HAZELL, S	12	1400847	1. 4466
2591	LI, ZY	950	1399373	1. 4451
2592	RADER, JS	11	1399099	1. 4448
2593	MECOCCI, P	18	1398338	1. 4440
2594	AVIV, A	24	1397783	1. 4435
2595	SMITH, DM	26	1395701	1. 4413
2596	HOPEWELL, JC	17	1395688	1. 4413
2597	MAO, ZW	11	1395513	1. 4411
2598	RAPHAEL, BJ	30	1395385	1. 4410
2599	TENOEVER, BR	24	1394416	1. 4400
2600	HAASE, K	28	1394179	1. 4398
2601	YUE, JB	28	1394179	1. 4398
2602	BJORNSDOTTIR, G	24	1393944	1. 4395
2603	TATAR, M	11	1392679	1. 4382
2604	HAMPEL, H	20	1392336	1. 4378
2605	VAN LAERE, S	20	1391809	1. 4373
2606	WANG, XY	1810	1391741	1. 4372
2607	HWANG, SM	15	1391717	1. 4372
2608	KOLCIC, I	40	1391700	1. 4372
2609	JOHNSON, DE	14	1391690	1. 4372
2610	GUTIERREZ, MG	14	1391022	1. 4365
2611	LAM, M	36	1389224	1. 4346
2612	GRAY, JW	28	1388820	1. 4342
2613	APTE, RS	12	1387866	1. 4332
2614	KNIGHT, J	42	1387221	1. 4326
2615	LISSOWSKA, J	45	1386511	1. 4318
2616	ERENPREISA, J	11	1386275	1. 4316
2617	SARAN, S	23	1385452	1. 4307

2618	QIAN, WB	28	1385294	1. 4306
2619	BLÜHER, M	71	1385207	1. 4305
2620	HORIKOSHI, M	40	1384919	1. 4302
2621	PICKERING, CR	11	1384156	1. 4294
2622	YU, Y	1180	1384043	1. 4293
2623	VAN HOECK, A	20	1383906	1. 4291
2624	JACKS, T	45	1383766	1. 4290
2625	FISCHER, K	77	1383664	1. 4289
2626	CHARNEY, AW	17	1383657	1. 4289
2627	XIA, HJ	27	1381752	1. 4269
2628	JOHANNESSEN, CM	12	1381752	1. 4269
2629	RAO, A	96	1381694	1. 4269
2630	PAUNIO, T	13	1381588	1. 4267
2631	BARZILAI, N	53	1380948	1. 4261
2632	ALTUCCI, L	34	1379256	1. 4243
2633	SQUASSINA, A	14	1379101	1. 4242
2634	GIANDHARI, J	16	1378851	1. 4239
2635	ZHU, Y	1013	1377911	1. 4230
2636	SHEPHERD, TG	11	1377772	1. 4228
2637	BOYER, J	12	1377683	1. 4227
2638	CHE, YS	12	1377683	1. 4227
2639	SCHLESNER, M	48	1377059	1. 4221
2640	POND, SLK	33	1375765	1. 4207
2641	ZHOU, X	922	1375181	1. 4201
2642	XIE, YL	132	1374952	1. 4199
2643	GAO, MH	48	1374324	1. 4192
2644	DUNCAN, MC	11	1374214	1. 4191
2645	JONKERS, J	57	1374051	1. 4190
2646	NAVARRO, FCP	20	1373928	1. 4188
2647	RICHARDSON, DR	19	1373759	1. 4187
2648	KOSTER, J	61	1373741	1. 4186

2649	BEAULIEU, JF	11	1372807	1. 4177
2650	IWATA, N	40	1372295	1. 4172
2651	MILLER, BL	27	1372253	1. 4171
2652	SAHEBKAR, A	207	1371590	1. 4164
2653	MORRIS, DW	37	1370508	1. 4153
2654	ADAMS, MJ	22	1369506	1. 4143
2655	TYRER, JP	28	1368892	1. 4136
2656	FANG, L	292	1368852	1. 4136
2657	FELDER, M	11	1368592	1. 4133
2658	TABORI, U	25	1367964	1. 4127
2659	CLARK, MD	13	1367910	1. 4126
2660	SCHMIDT, H	133	1367480	1. 4122
2661	BECKER, C	67	1367217	1. 4119
2662	KUHN, C	13	1365968	1. 4106
2663	CEBON, J	14	1365950	1. 4106
2664	OH, C	23	1365939	1. 4106
2665	LATZ, E	25	1365626	1. 4103
2666	WYCZALKOWSKI, MA	27	1364597	1. 4092
2667	MAEDA, A	28	1364456	1. 4091
2668	DONG, XC	38	1363445	1. 4080
2669	DAS, S	476	1363368	1. 4079
2670	SARIN, AP	22	1362509	1. 4070
2671	SCHAEFER, C	37	1362014	1. 4065
2672	JOLMA, A	11	1361543	1. 4060
2673	BARTEL, DP	33	1361513	1. 4060
2674	LIU, S	1042	1360816	1. 4053
2675	STAPPENBECK, TS	17	1360370	1. 4048
2676	PEPE, S	11	1360144	1. 4046
2677	KONG, G	25	1360022	1. 4045
2678	HAYWARD, NK	41	1359890	1. 4043
2679	MURRAY, RM	13	1359490	1. 4039

2680	HAMILTON, RL	12	1359447	1. 4039
2681	GUTIERREZ, E	12	1358787	1. 4032
2682	GENAZZANI, AA	12	1358128	1. 4025
2683	DAVIES, GE	29	1356913	1. 4013
2684	MCCORMICK, C	12	1356110	1. 4004
2685	LEMOINE, A	11	1355211	1. 3995
2686	VOHL, MC	24	1354681	1. 3990
2687	COOK, JP	30	1353816	1. 3981
2688	SÁNCHEZ-ALCÁZAR, J	11	1353814	1. 3981
2689	MEISSNER, A	80	1353508	1. 3978
2690	LEE, PJ	14	1353478	1. 3977
2691	STEIN, LD	24	1352354	1. 3966
2692	JIANG, T	409	1351877	1. 3961
2693	WANG, D	1155	1351603	1. 3958
2694	PARK, J	840	1351506	1. 3957
2695	HAN, WD	66	1351342	1. 3955
2696	PETERS, GJ	11	1350985	1. 3951
2697	GATTI, E	17	1350769	1. 3949
2698	CHI, HC	12	1350723	1. 3949
2699	LI, JX	511	1350695	1. 3948
2700	HOLZ, MK	12	1350066	1. 3942
2701	BRANDSLUND, I	29	1350010	1. 3941
2702	RIMBACH, G	15	1350000	1. 3941
2703	VON ZGLINICKI, T	25	1349315	1. 3934
2704	HIGAKI, K	11	1348893	1. 3930
2705	FREDERICK, DT	25	1348385	1. 3925
2706	THOMSON, JA	40	1348358	1. 3924
2707	KORSHUNOV, A	42	1348254	1. 3923
2708	VAN DER OOST, J	15	1348201	1. 3923
2709	ZHAO, J	1239	1347695	1. 3917
2710	LI, YR	261	1346928	1. 3910

2711	HUANG, MN	21	1346730	1. 3908
2712	ROZEN, SG	27	1346680	1. 3907
2713	VAN DEERLIN, VM	14	1346628	1. 3906
2714	ROSENTHAL, R	19	1346490	1. 3905
2715	SIEVERLING, L	12	1346043	1. 3900
2716	VAN DER GOOT, FG	12	1346043	1. 3900
2717	MEHLEN, P	30	1345777	1. 3898
2718	ZHANG, P	1093	1345737	1. 3897
2719	ERIKSSON, N	20	1345248	1. 3892
2720	BORRESEN-DALE, AL	57	1343541	1. 3875
2721	BROWN, EJ	13	1342726	1. 3866
2722	MOHAMMADI, P	43	1342162	1. 3860
2723	THAISS, CA	20	1342138	1. 3860
2724	BEGLEY, TJ	12	1342027	1. 3859
2725	DARMANIS, S	15	1341015	1. 3848
2726	KWON, YT	38	1340471	1. 3843
2727	TABAR, V	22	1340233	1. 3840
2728	FARMAKI, AE	25	1340038	1. 3838
2729	CLARKE, A	51	1338771	1. 3825
2730	GULATI, GS	16	1336336	1. 3800
2731	KORVING, J	25	1335411	1. 3791
2732	KOSMA, VM	31	1335377	1. 3790
2733	DUMONT, A	16	1335203	1. 3788
2734	LU, CR	14	1334899	1. 3785
2735	JOHNSON, R	69	1334847	1. 3785
2736	FINGERT, JH	14	1333633	1. 3772
2737	SWANSON, MS	25	1332178	1. 3757
2738	DONOHUE, G	30	1331835	1. 3754
2739	WYSS-CORAY, T	31	1331646	1. 3752
2740	GIULIANINI, F	36	1331362	1. 3749
2741	CHAN, CKF	17	1330539	1. 3740

2742	UNGERMANN, C	46	1329400	1. 3729
2743	CANTLEY, LC	57	1328534	1. 3720
2744	REN, XW	28	1328484	1. 3719
2745	DAY, DS	12	1328019	1. 3714
2746	DENGJEL, J	77	1325847	1. 3692
2747	BARRAL, S	17	1325552	1. 3689
2748	WANG, YH	1127	1325240	1. 3686
2749	NORMAN, A	13	1324153	1. 3674
2750	SMALLEY, KSM	14	1323179	1. 3664
2751	CARRA, S	38	1322852	1. 3661
2752	MAO, K	27	1322668	1. 3659
2753	IOZZO, RV	13	1321633	1. 3648
2754	OTOMO, T	13	1321633	1. 3648
2755	SHIAH, YJ	14	1321310	1. 3645
2756	HERNÁNDEZ, I	14	1320094	1. 3632
2757	COUVY-DUCHESNE, B	11	1319632	1. 3628
2758	CHAI, CY	27	1319567	1. 3627
2759	AMON, A	41	1319087	1. 3622
2760	NEFF, NF	14	1318878	1. 3620
2761	SEPPÄLÄ, I	20	1318411	1. 3615
2762	TANJI, K	13	1317167	1. 3602
2763	MIDDELDORP, CM	19	1316827	1. 3599
2764	SAWYERS, CL	27	1315151	1. 3581
2765	REIMAND, J	39	1314903	1. 3579
2766	CHAUHAN, S	39	1313381	1. 3563
2767	PRITCHARD, CC	13	1313356	1. 3563
2768	REN, XJ	68	1313267	1. 3562
2769	SMIT, JH	18	1312762	1. 3557
2770	MÜHLEISEN, TW	14	1312116	1. 3550
2771	GONZALEZ-ALEGRE, P	12	1312099	1. 3550
2772	WESTERMANN, B	12	1312099	1. 3550

2773	KRAMER, H	25	1309651	1. 3525
2774	ZHANG, YY	1253	1309494	1. 3523
2775	AQUILANO, K	13	1308904	1. 3517
2776	LAZARIDIS, I	28	1307224	1. 3500
2777	PACELLI, C	12	1306800	1. 3495
2778	VAN DER AUWERA, S	14	1306624	1. 3493
2779	CURTIS, C	46	1306367	1. 3491
2780	AARSLAND, D	15	1304210	1. 3468
2781	LEE, M	373	1304053	1. 3467
2782	FRASER, IDC	14	1303558	1. 3462
2783	KIRKWOOD, JM	15	1303001	1. 3456
2784	GLAVIC, A	12	1302197	1. 3448
2785	MENDELL, JT	28	1302034	1. 3446
2786	GUPTA, M	99	1301962	1. 3445
2787	HUNG, MC	92	1300875	1. 3434
2788	GILADI, A	20	1300500	1. 3430
2789	KENDLER, KS	79	1299760	1. 3422
2790	BADER, GD	60	1299511	1. 3420
2791	SCHWARTZ, M	37	1299106	1. 3416
2792	ROBERTSON, A	16	1299041	1. 3415
2793	ZHANG, HY	954	1298344	1. 3408
2794	ZUO, ZX	38	1297595	1. 3400
2795	SCHOLZ, M	65	1296816	1. 3392
2796	BLACKSTONE, C	18	1296034	1. 3384
2797	MCCALL, K	15	1295937	1. 3383
2798	MEIGS, JB	58	1294787	1. 3371
2799	JIANG, Y	1019	1294302	1. 3366
2800	BRENNER, H	129	1294067	1. 3364
2801	ROBINSON, MR	38	1293924	1. 3362
2802	GINGRAS, MC	14	1293824	1. 3361
2803	GASPARINI, P	87	1293661	1. 3359

2804	DAHMEN, U	12	1293620	1. 3359
2805	CUEZVA, JM	15	1293616	1. 3359
2806	LANDÉN, M	11	1293457	1. 3357
2807	KASER, A	16	1292212	1. 3345
2808	WALTER, J	68	1291649	1. 3339
2809	ROEDER, K	28	1291292	1. 3335
2810	DORAJOO, R	30	1290837	1. 3330
2811	BIVONA, TG	29	1290714	1. 3329
2812	WILKINSON, E	32	1290405	1. 3326
2813	CLISH, CB	60	1290051	1. 3322
2814	CHEETHAM, ME	41	1289116	1. 3313
2815	HABER, DA	26	1288070	1. 3302
2816	HSU, PJ	15	1287735	1. 3298
2817	HAIGIS, MC	38	1287640	1. 3297
2818	WONG, E	46	1287541	1. 3296
2819	HU, ZW	51	1287405	1. 3295
2820	KLENERMAN, P	35	1286767	1. 3288
2821	BROWN, K	71	1286698	1. 3288
2822	VAN DER KWAST, T	21	1286609	1. 3287
2823	HEISLER, LE	11	1286604	1. 3287
2824	CALDAS, C	68	1286412	1. 3285
2825	GOMEZ-MANZANO, C	13	1286154	1. 3282
2826	ULIRSCH, JC	29	1286073	1. 3281
2827	BENNETT, DA	106	1285885	1. 3279
2828	LAU, K	28	1284437	1. 3264
2829	MACHADO, J	13	1284271	1. 3263
2830	FRANKLIN, JL	18	1284265	1. 3262
2831	MOORE, DJ	15	1284221	1. 3262
2832	VAN DEN BRINK, GR	14	1284126	1. 3261
2833	SKELLY, D	11	1283883	1. 3258
2834	FRANCO, R	36	1283666	1. 3256

2835	PETERSON, RE	23	1283383	1. 3253
2836	LIM, WA	20	1283218	1. 3252
2837	LINDHOLM, D	16	1282534	1. 3245
2838	WANG, A	145	1282005	1. 3239
2839	RUSTEN, TE	18	1281584	1. 3235
2840	TSOLAKI, M	15	1281312	1. 3232
2841	MARSCHALL, HU	11	1280449	1. 3223
2842	STIRRUPS, KE	14	1279291	1. 3211
2843	SUN, L	819	1278623	1. 3204
2844	SAFTIG, P	41	1278512	1. 3203
2845	SCOTT, R	41	1278512	1. 3203
2846	CREIGHTON, CJ	96	1277160	1. 3189
2847	GOATE, AM	32	1276019	1. 3177
2848	ERIKSSON, P	34	1275774	1. 3175
2849	MOOK-KANAMORI, DO	64	1274918	1. 3166
2850	RAMIREZ, S	13	1274834	1. 3165
2851	SCHLEUTKER, J	32	1274781	1. 3165
2852	SOMASUNDARAM, K	17	1274079	1. 3157
2853	GRAFF-RADFORD, NR	20	1272601	1. 3142
2854	LANE, AA	11	1272277	1. 3139
2855	SWEENEY, ST	12	1272041	1. 3136
2856	FAWZI, NL	19	1271966	1. 3135
2857	SONG, HK	40	1271957	1. 3135
2858	LUOMA, AM	11	1271600	1. 3132
2859	BHADURI, A	25	1271482	1. 3130
2860	PAPPU, RV	27	1271403	1. 3130
2861	DIMITRIOU, M	17	1271362	1. 3129
2862	MORIARTY, NW	21	1271340	1. 3129
2863	LIANG, H	289	1270831	1. 3124
2864	SHEN, HM	68	1269981	1. 3115
2865	JIN, SQ	27	1269657	1. 3112

2866	CHANG, CC	140	1269378	1. 3109
2867	PAINTER, JN	20	1269072	1. 3106
2868	DAVIS, JR	16	1267876	1. 3093
2869	BOADA, M	19	1267835	1. 3093
2870	WERB, Z	24	1267742	1. 3092
2871	CHIANG, HL	11	1266831	1. 3082
2872	FREEDMAN, R	11	1266831	1. 3082
2873	SHULDINER, AR	54	1266232	1. 3076
2874	CHO, YY	12	1266187	1. 3076
2875	GE, JW	17	1265890	1. 3073
2876	BOSENBERG, M	28	1264375	1. 3057
2877	LEUNG, HY	13	1264240	1. 3056
2878	KRAUSE, J	121	1263805	1. 3051
2879	LOPEZ, OL	18	1263499	1. 3048
2880	JAENISCH, R	55	1263169	1. 3045
2881	KEMPER, KE	23	1263147	1. 3044
2882	LAVANDERO, S	37	1263019	1. 3043
2883	JANA, NR	12	1262967	1. 3043
2884	MARIONI, RE	82	1262842	1. 3041
2885	HSU, C	15	1262646	1. 3039
2886	FELIX, SB	31	1262523	1. 3038
2887	KHUSNUTDINOVA, E	35	1262332	1. 3036
2888	STEWARDSON, K	37	1261529	1. 3028
2889	KOMATSU, M	70	1261453	1. 3027
2890	BOWDEN, DW	71	1261229	1. 3025
2891	ZEH, HJ	14	1261188	1. 3024
2892	SLEEGERS, K	16	1261129	1. 3024
2893	FENG, YC	37	1260039	1. 3012
2894	NABI, IR	16	1259984	1. 3012
2895	SEMENKOVICH, CF	15	1259761	1. 3009
2896	MCCARTHY, M	37	1258550	1. 2997

2897	ANTONIOLI, M	19	1258037	1. 2992
2898	ZHOU, HP	17	1257728	1. 2988
2899	ALT, KW	14	1257583	1. 2987
2900	VUORI, K	12	1257134	1. 2982
2901	DENG, GH	14	1256990	1. 2981
2902	JOHNSON, JD	14	1256397	1. 2975
2903	WILKENS, LR	29	1256333	1. 2974
2904	JIN, M	127	1256279	1. 2973
2905	PEVZNER, PA	17	1256080	1. 2971
2906	HYMAN, BT	21	1255610	1. 2967
2907	JUNG, YK	29	1254656	1. 2957
2908	CLEMONS, PA	17	1254480	1. 2955
2909	WINKLHOFER, KF	18	1253979	1. 2950
2910	RIPPO, MR	14	1253391	1. 2944
2911	TALBOT, NJ	14	1253391	1. 2944
2912	TOBIN, MD	37	1253381	1. 2944
2913	GOLOBORODKO, A	16	1252709	1. 2937
2914	ZHANG, MY	358	1252620	1. 2936
2915	POWELL, J	41	1251766	1. 2927
2916	STADLER, ZK	17	1251738	1. 2927
2917	MENKO, AS	12	1251315	1. 2922
2918	DOMINICZAK, AF	16	1251020	1. 2919
2919	LIU, DR	53	1250141	1. 2910
2920	ARNOULD, T	13	1249300	1. 2901
2921	WALLON, D	18	1248184	1. 2890
2922	LEONARD, C	21	1247308	1. 2881
2923	MIYANO, S	65	1247006	1. 2878
2924	SALGADO, R	25	1246349	1. 2871
2925	HINDORFF, LA	20	1244007	1. 2847
2926	CHONG, JX	34	1243442	1. 2841
2927	HALL, P	64	1242634	1. 2833

2928	TU, ZD	17	1242529	1. 2831
2929	PHAM, M	15	1242433	1. 2830
2930	NOLAN, GP	45	1241988	1. 2826
2931	MIYAMOTO, S	69	1241146	1. 2817
2932	WEISSMAN, IL	65	1241133	1. 2817
2933	BAO, HJ	12	1240347	1. 2809
2934	HAANEN, JBAG	18	1239767	1. 2803
2935	PAGANO, M	43	1239321	1. 2798
2936	AIT-SI-ALI, S	13	1238773	1. 2793
2937	XI, L	59	1238750	1. 2792
2938	KHAW, KT	44	1238163	1. 2786
2939	HARRIS, J	57	1237277	1. 2777
2940	BOEVE, BF	13	1236925	1. 2774
2941	KIM, EK	61	1236800	1. 2772
2942	MCCOMBIE, WR	21	1236646	1. 2771
2943	GAO, QS	29	1236016	1. 2764
2944	FU, Y	478	1236011	1. 2764
2945	RAO, SSP	12	1235863	1. 2763
2946	DUCHEN, MR	22	1235718	1. 2761
2947	FREIMER, NB	25	1235210	1. 2756
2948	WEINBERGER, A	19	1233935	1. 2743
2949	MEAD, S	17	1233898	1. 2742
2950	LI, K	892	1233667	1. 2740
2951	TRAGLIA, M	29	1233521	1. 2738
2952	LAH, JJ	19	1233438	1. 2738
2953	TANG, DZ	13	1232016	1. 2723
2954	CHUANG, TH	15	1230962	1. 2712
2955	FULCO, CP	15	1230374	1. 2706
2956	GILL, S	27	1230055	1. 2703
2957	BEHRENDTS, C	57	1229365	1. 2695
2958	HWU, P	17	1229050	1. 2692

2959	WEIDE, T	12	1228173	1. 2683
2960	DENT, P	34	1227784	1. 2679
2961	TSAO, PS	50	1227431	1. 2676
2962	KADENER, S	21	1227416	1. 2675
2963	VENKATACHALAM, K	15	1226940	1. 2670
2964	SCHURMANN, C	43	1226793	1. 2669
2965	MCNEISH, IA	18	1226721	1. 2668
2966	MA, J	958	1225838	1. 2659
2967	RENNA, M	16	1225449	1. 2655
2968	RHIE, A	37	1224887	1. 2649
2969	ZHUANG, XW	36	1224682	1. 2647
2970	BRENNAN, C	13	1224025	1. 2640
2971	LIN, K	153	1223355	1. 2633
2972	FRANSEN, PB	30	1223292	1. 2633
2973	REITZ, C	16	1223236	1. 2632
2974	SCHADT, E	16	1223236	1. 2632
2975	ANN, DK	17	1222633	1. 2626
2976	WYLER, E	21	1222122	1. 2621
2977	NIELSEN, JB	34	1222097	1. 2620
2978	PÄÄBO, S	52	1221875	1. 2618
2979	HÖGLINGER, GU	13	1221562	1. 2615
2980	LEHNE, B	22	1221558	1. 2615
2981	HILL, BG	13	1220937	1. 2608
2982	ASPELUND, T	12	1220507	1. 2604
2983	ROBINO, A	40	1220489	1. 2604
2984	DENTRO, SC	14	1220103	1. 2600
2985	LANGE, LA	82	1220044	1. 2599
2986	GLEAVE, M	26	1220004	1. 2599
2987	FINK, JL	17	1219926	1. 2598
2988	GUO, XQ	254	1219819	1. 2597
2989	VENTURA, S	14	1219518	1. 2594

2990	CHRISTIANSEN, L	38	1219023	1. 2589
2991	JOHANSSON, Å	28	1218875	1. 2587
2992	HEDGES, SB	13	1217892	1. 2577
2993	HOFMAN, P	47	1216026	1. 2558
2994	FEUERBACH, L	15	1215541	1. 2553
2995	ATKIN, JD	16	1215484	1. 2552
2996	BERTOLOTTI, A	20	1215245	1. 2550
2997	BRAUN, E	19	1215136	1. 2549
2998	CHEN, YH	870	1215011	1. 2547
2999	SU, R	102	1214946	1. 2547
3000	SULLIVAN, S	14	1214807	1. 2545
3001	SINCLAIR, DA	43	1214642	1. 2543
3002	THOMPSON, AM	28	1213864	1. 2535
3003	DE VISSER, KE	12	1213488	1. 2532
3004	LI, D	986	1213487	1. 2532
3005	BIELAK, LF	65	1213411	1. 2531
3006	SCHNEIDER, LS	15	1213250	1. 2529
3007	FENG, YB	51	1212629	1. 2523
3008	KRISTON-VIZI, J	14	1212475	1. 2521
3009	REINER, DJ	12	1212204	1. 2518
3010	MCCORMICK, F	47	1211822	1. 2514
3011	LIAO, P	42	1211781	1. 2514
3012	MULDER, J	20	1211304	1. 2509
3013	MEIER, S	33	1211169	1. 2508
3014	MURPHY, MP	55	1210388	1. 2500
3015	TAIPALE, J	35	1208257	1. 2478
3016	SCHUMACHER, FR	23	1207955	1. 2474
3017	SAHA, A	81	1207790	1. 2473
3018	MARKOWETZ, F	29	1207246	1. 2467
3019	FISH, M	14	1207154	1. 2466
3020	AMARAVADI, RK	21	1205768	1. 2452

3021	KENNEDY, M	21	1205768	1. 2452
3022	SMITH, AG	21	1205768	1. 2452
3023	CHEN, YS	273	1205469	1. 2449
3024	WON, H	37	1205312	1. 2447
3025	TSAI, KJ	12	1204588	1. 2440
3026	VINTERS, HV	12	1204588	1. 2440
3027	KUMAR, AP	36	1204528	1. 2439
3028	SMITH, A	165	1204448	1. 2438
3029	ALIZADEH, AA	15	1204153	1. 2435
3030	IOVANNA, JL	18	1203830	1. 2432
3031	HUANG, CH	219	1203737	1. 2431
3032	ALONSO, C	13	1203230	1. 2426
3033	BURING, JE	26	1202727	1. 2420
3034	RAMOS-QUIROGA, JA	15	1202453	1. 2418
3035	SKENE, NG	12	1202067	1. 2414
3036	YAMASHIRO, S	12	1202067	1. 2414
3037	KITTEL-SCHNEIDER,	15	1201915	1. 2412
3038	XIE, W	252	1201851	1. 2411
3039	ROSELLI, C	32	1201630	1. 2409
3040	HUA, F	49	1201205	1. 2405
3041	KIM, H	1037	1200851	1. 2401
3042	HAN, L	476	1200559	1. 2398
3043	BARAS, A	54	1200014	1. 2392
3044	STEVENS, B	31	1199538	1. 2387
3045	CHAISSON, MJP	20	1199520	1. 2387
3046	BIANKIN, AV	19	1199515	1. 2387
3047	SEELEY, WW	18	1198689	1. 2379
3048	HILTKE, T	12	1197653	1. 2368
3049	GHAVAMI, S	38	1197617	1. 2368
3050	BERNDT, SI	59	1197603	1. 2367
3051	BARLEV, NA	29	1197517	1. 2367

3052	LI, T	1117	1197302	1. 2364
3053	RICHARDS, JB	60	1196783	1. 2359
3054	PENNELL, CE	47	1196775	1. 2359
3055	DERYNCK, R	12	1196377	1. 2355
3056	OTT, G	13	1195951	1. 2350
3057	SEN, U	12	1195758	1. 2348
3058	ZHENG, DX	13	1195333	1. 2344
3059	KHARCHENKO, PV	24	1195299	1. 2344
3060	DE OLIVEIRA, T	41	1194419	1. 2335
3061	BITOUN, M	13	1194135	1. 2332
3062	STORCHOVA, Z	19	1193989	1. 2330
3063	DEMEULEMEESTER, J	22	1192942	1. 2319
3064	MANTOVANI, A	25	1192901	1. 2319
3065	HOPPE, T	35	1192701	1. 2317
3066	ATTIA, JR	14	1192540	1. 2315
3067	KANG, C	46	1191748	1. 2307
3068	LIN, TW	13	1191703	1. 2307
3069	KURZ, T	15	1191169	1. 2301
3070	CHEN, JM	275	1189204	1. 2281
3071	WILLEMS, SM	36	1188812	1. 2277
3072	YU, HY	284	1188798	1. 2277
3073	DI PIETRO, A	16	1187032	1. 2258
3074	MERLA, G	42	1186786	1. 2256
3075	HEATH, JK	14	1186110	1. 2249
3076	GANESAN, AK	13	1185652	1. 2244
3077	LUBINSKI, J	78	1185241	1. 2240
3078	BREAKEYFIELD, XO	17	1184832	1. 2236
3079	TANG, FC	109	1184593	1. 2233
3080	LI, WS	114	1184208	1. 2229
3081	LORENZI, PL	24	1183251	1. 2219
3082	MIRANDA-VIZUETE, A	13	1182652	1. 2213

3083	FRITSCH, LG	43	1182605	1. 2213
3084	HUANG, H	756	1182585	1. 2212
3085	MORRISON, AC	114	1182580	1. 2212
3086	ALASOO, K	12	1181884	1. 2205
3087	DERKS, EM	17	1181147	1. 2198
3088	THUM, T	31	1181095	1. 2197
3089	MANICHAIKUL, A	50	1180570	1. 2192
3090	CUI, TX	15	1180470	1. 2191
3091	WU, HL	147	1179589	1. 2181
3092	ZHOU, Q	949	1179042	1. 2176
3093	HSU, LC	13	1179002	1. 2175
3094	FIESEL, FC	19	1178505	1. 2170
3095	SCHORDERET, DF	13	1178427	1. 2169
3096	YANG, YG	103	1178378	1. 2169
3097	UNDERWOOD, JG	13	1177199	1. 2157
3098	MICHIELS, C	19	1177001	1. 2155
3099	SERRANO, M	84	1176953	1. 2154
3100	DEVLIN, B	24	1176626	1. 2151
3101	STEVENS, M	18	1176593	1. 2151
3102	HUH, WK	14	1175678	1. 2141
3103	LE ROCH, KG	14	1175678	1. 2141
3104	SULLIVAN, RJ	15	1175426	1. 2138
3105	LI, XY	1613	1175091	1. 2135
3106	WEERSMA, RK	37	1174807	1. 2132
3107	GARRIDO, C	42	1174008	1. 2124
3108	GAGE, FH	56	1173650	1. 2120
3109	ATTARDI, LD	36	1173640	1. 2120
3110	SCHOFIELD, PR	33	1172783	1. 2111
3111	BHIMAN, JN	14	1172770	1. 2111
3112	JABADO, N	61	1172478	1. 2108
3113	GREENLEAF, WJ	80	1172466	1. 2108

3114	VOSA, U	29	1172005	1. 2103
3115	FERRIS, RL	12	1171875	1. 2102
3116	LIU, JJ	640	1171359	1. 2096
3117	ROZAS, J	24	1171318	1. 2096
3118	VOET, T	35	1170304	1. 2086
3119	SCHELLENBERG, GD	27	1170236	1. 2085
3120	PASTOR, P	21	1169132	1. 2073
3121	CAI, DS	18	1168905	1. 2071
3122	CHASMAN, D	41	1168265	1. 2065
3123	ALEXANDER, M	29	1168016	1. 2062
3124	GILES, GG	99	1167559	1. 2057
3125	DAVIES, MA	47	1166963	1. 2051
3126	HANOVER, JA	16	1166929	1. 2051
3127	RUSSO, R	37	1166260	1. 2044
3128	CLARKE, MF	14	1165823	1. 2039
3129	KANNO, H	12	1165646	1. 2037
3130	TABERNERO, J	26	1164710	1. 2028
3131	HIBSHOOSH, H	14	1164680	1. 2028
3132	WU, KM	66	1164300	1. 2024
3133	XU, M	599	1163976	1. 2020
3134	IVANOV, AI	16	1163141	1. 2012
3135	PENDE, M	18	1162828	1. 2008
3136	GAO, FB	30	1162714	1. 2007
3137	RUGGIERO, D	27	1162303	1. 2003
3138	WAPPNER, P	13	1162213	1. 2002
3139	PETERS, B	22	1161055	1. 1990
3140	SAVAGE, JE	15	1160929	1. 1989
3141	ALDAPE, K	29	1160806	1. 1987
3142	HUBER, W	37	1160602	1. 1985
3143	JOUBERT, AM	13	1160423	1. 1984
3144	DIEHN, M	15	1159830	1. 1977

3145	HADJIGEORGIOU, G	13	1159813	1. 1977
3146	ZHANG, XL	1007	1159185	1. 1971
3147	IYER, AKV	15	1158162	1. 1960
3148	ABDELLAOUI, A	36	1158128	1. 1960
3149	LUNA, A	13	1158025	1. 1959
3150	NERY, JR	21	1157848	1. 1957
3151	VARDARAJAN, BN	17	1157530	1. 1954
3152	HOSHINO, A	34	1156251	1. 1940
3153	HAROUTUNIAN, V	23	1155390	1. 1932
3154	SLYPER, M	15	1154261	1. 1920
3155	KIRYLUK, K	41	1153853	1. 1916
3156	LONIAL, S	21	1153618	1. 1913
3157	CASTELO-BRANCO, G	17	1153361	1. 1911
3158	VÁCHOVÁ, L	13	1153275	1. 1910
3159	GRANDGENETT, PM	19	1153258	1. 1910
3160	ZHANG, YL	921	1151463	1. 1891
3161	ASANUMA, K	13	1150885	1. 1885
3162	CHANDRA, P	14	1150854	1. 1885
3163	KOGEVINAS, M	31	1150506	1. 1881
3164	BOETTIGER, AN	16	1149709	1. 1873
3165	ZAMORA, J	16	1149709	1. 1873
3166	LAJOIE, BR	24	1147580	1. 1851
3167	OLIVER, FJ	16	1147566	1. 1851
3168	CHANG, K	38	1146660	1. 1841
3169	AUBURGER, G	16	1146516	1. 1840
3170	HE, Y	834	1145982	1. 1834
3171	MARTENS, JWM	67	1145064	1. 1825
3172	BATTLE, E	26	1144942	1. 1824
3173	JAIN, S	177	1144698	1. 1821
3174	LLORENTE, A	17	1144522	1. 1819
3175	WANG, QB	55	1144256	1. 1817

3176	LEE, SW	118	1143908	1. 1813
3177	ARANDA, A	13	1143767	1. 1812
3178	YUAN, GC	75	1143332	1. 1807
3179	PROKISCH, H	107	1141775	1. 1791
3180	MELZER, D	26	1141574	1. 1789
3181	BOISE, LH	18	1141545	1. 1789
3182	ADAMS, HHH	17	1141424	1. 1787
3183	ZHANG, WW	277	1141298	1. 1786
3184	WOLVETANG, EJ	25	1141051	1. 1783
3185	TATSUNO, K	14	1140578	1. 1779
3186	KUCHROO, VK	24	1140576	1. 1779
3187	HAYDEN, M	16	1140101	1. 1774
3188	WATANABE, K	230	1139544	1. 1768
3189	ARAGAM, KG	20	1139076	1. 1763
3190	SINHA, D	51	1138504	1. 1757
3191	MAO, ZX	18	1138017	1. 1752
3192	TAYLOR, A	51	1137901	1. 1751
3193	NICHOLSON, G	23	1137098	1. 1743
3194	GORKIN, DU	18	1136539	1. 1737
3195	BROWN, AA	16	1135834	1. 1730
3196	BELMONTE, JCI	107	1135589	1. 1727
3197	CHANG, CP	31	1135517	1. 1726
3198	YU, C	284	1135484	1. 1726
3199	ZENDER, L	20	1135261	1. 1724
3200	LAPORTE, J	39	1134935	1. 1720
3201	LI, GQ	205	1133771	1. 1708
3202	BERNARD, M	32	1132911	1. 1699
3203	GRANJA, JM	14	1132037	1. 1690
3204	RUSYN, I	15	1131640	1. 1686
3205	LIU, YL	811	1131406	1. 1684
3206	DI ANGELANTONIO, E	37	1131344	1. 1683

3207	KUNG, HJ	25	1131245	1. 1682
3208	CHEN, M	910	1130714	1. 1677
3209	DE STANCHINA, E	67	1130520	1. 1675
3210	DE LIGT, J	24	1129286	1. 1662
3211	DAVIES, R	18	1128508	1. 1654
3212	SUNG, YJ	51	1128418	1. 1653
3213	ARTIS, D	13	1128395	1. 1653
3214	XIE, CM	39	1128141	1. 1650
3215	GOVEIA, J	17	1127987	1. 1649
3216	PLASS, C	51	1127516	1. 1644
3217	CHAN, K	49	1127512	1. 1644
3218	LIU, CY	662	1127099	1. 1639
3219	HERZIG, S	36	1126436	1. 1633
3220	PARYS, JB	49	1126011	1. 1628
3221	STRAUB, RE	19	1125343	1. 1621
3222	DE LA FUENTE, J	15	1124497	1. 1613
3223	POLLARD, AJ	28	1124020	1. 1608
3224	TEGALLY, H	20	1123380	1. 1601
3225	LI, JY	1157	1122584	1. 1593
3226	KIM, HR	135	1122335	1. 1590
3227	RADER, DJ	92	1121969	1. 1586
3228	AKIYAMA, M	84	1121316	1. 1580
3229	KEE, F	15	1120653	1. 1573
3230	ZHENG, ZL	59	1120314	1. 1569
3231	ZHU, YM	167	1119026	1. 1556
3232	WHITTEMORE, AS	27	1117919	1. 1545
3233	SCHOONJANS, L	17	1117691	1. 1542
3234	CHANDRA, D	14	1117288	1. 1538
3235	PATTIE, A	18	1117009	1. 1535
3236	KOUMENIS, C	26	1116978	1. 1535
3237	MAHAMID, J	19	1116587	1. 1531

3238	NTALLA, I	37	1116370	1. 1529
3239	CHEN, F	718	1115783	1. 1523
3240	HILL, WD	30	1115522	1. 1520
3241	BARTOK, O	13	1115439	1. 1519
3242	VAN MEIR, EG	17	1115146	1. 1516
3243	GE, SF	36	1114770	1. 1512
3244	JU, ZL	18	1114037	1. 1505
3245	GRAFF, C	22	1112855	1. 1492
3246	KHOSLA, S	43	1112669	1. 1490
3247	PALUDAN, SR	29	1112485	1. 1488
3248	CIULLO, M	28	1112405	1. 1488
3249	WANG, YQ	808	1112221	1. 1486
3250	KRIEGSTEIN, AR	31	1111909	1. 1483
3251	LUO, SQ	44	1111397	1. 1477
3252	GESCHWIND, D	14	1111064	1. 1474
3253	NAGARAJAN, N	25	1110494	1. 1468
3254	DURCAN, TM	16	1110400	1. 1467
3255	ASTHANA, S	25	1108388	1. 1446
3256	KNAPPSKOG, S	23	1108356	1. 1446
3257	WINCKER, P	39	1107813	1. 1440
3258	VUCKOVIC, D	23	1107463	1. 1437
3259	ZONCU, R	30	1106285	1. 1424
3260	ECKHART, L	35	1106085	1. 1422
3261	SAKAUE, S	37	1105312	1. 1414
3262	ZOU, J	262	1104954	1. 1411
3263	SUH, SW	14	1104342	1. 1404
3264	HERNÁNDEZ, A	32	1104098	1. 1402
3265	IZAR, B	33	1103681	1. 1398
3266	MATOBA, S	42	1103577	1. 1397
3267	ALTSHULER, D	20	1102621	1. 1387
3268	SORENSEN, TIA	46	1102331	1. 1384

3269	FILBIN, MG	22	1100729	1. 1367
3270	CHEW, EY	15	1099435	1. 1354
3271	EBERT, BL	39	1099045	1. 1350
3272	KAMADA, Y	13	1098518	1. 1344
3273	SATIZABAL, CL	19	1098239	1. 1341
3274	VAN BROECKHOVEN, C	23	1097392	1. 1333
3275	ERNST, J	32	1097073	1. 1329
3276	YANG, DS	46	1097071	1. 1329
3277	BRUMMETT, CM	20	1096993	1. 1329
3278	KING, JS	15	1096188	1. 1320
3279	ZHAO, L	1085	1095965	1. 1318
3280	CASTRO, P	18	1095684	1. 1315
3281	MCMAHON, G	18	1095684	1. 1315
3282	SANSOM, OJ	97	1095641	1. 1315
3283	ISAKA, Y	21	1094842	1. 1306
3284	FARH, KKH	15	1094567	1. 1303
3285	MYERS, EW	21	1093954	1. 1297
3286	JIANG, P	229	1092846	1. 1286
3287	SEUFFERLEIN, T	29	1092589	1. 1283
3288	SONG, HJ	147	1090193	1. 1258
3289	COLLINS, R	28	1089830	1. 1255
3290	SCHRAUT, KE	13	1089829	1. 1255
3291	BAILLIE, JK	26	1088578	1. 1242
3292	SCOTT, AJ	13	1088095	1. 1237
3293	LEE, SH	707	1088083	1. 1236
3294	IKEDA, M	81	1088069	1. 1236
3295	CORREA, A	97	1088013	1. 1236
3296	STEFANSSON, OA	23	1087835	1. 1234
3297	JOHNSON, SA	17	1087642	1. 1232
3298	QVIST, P	17	1087642	1. 1232
3299	PIRASTU, N	23	1087367	1. 1229

3300	NILSEN, H	22	1086482	1. 1220
3301	LIN, L	525	1086438	1. 1220
3302	HAWKINS, RD	28	1086234	1. 1217
3303	SOUSA, MJ	14	1085320	1. 1208
3304	ZHANG, M	1543	1085013	1. 1205
3305	DE STROOPER, B	35	1084521	1. 1200
3306	HUANG, W	532	1083571	1. 1190
3307	SALZBERG, SL	42	1083543	1. 1190
3308	LEE, CH	259	1083158	1. 1186
3309	WALDMAN, J	19	1082925	1. 1183
3310	GRABA, Y	14	1082527	1. 1179
3311	ZHANG, ZY	905	1082285	1. 1177
3312	KESSLER, T	22	1082016	1. 1174
3313	LEI, QY	41	1081850	1. 1172
3314	TRÉGOUËT, DA	29	1081777	1. 1171
3315	BAE, SH	40	1080799	1. 1161
3316	MAURANO, MT	24	1080370	1. 1157
3317	PATTERSON, C	15	1080028	1. 1153
3318	SIM, XL	36	1079840	1. 1151
3319	BIRSOY, K	25	1079521	1. 1148
3320	KOPETZ, S	35	1078878	1. 1141
3321	KARLSSON, R	54	1078631	1. 1139
3322	CUSANOVICH, DA	15	1078419	1. 1137
3323	LIANG, WW	38	1077888	1. 1131
3324	KOMANDER, D	42	1077758	1. 1130
3325	LEE, PH	54	1077237	1. 1124
3326	RAJ, K	22	1076262	1. 1114
3327	SNYDER, M	69	1076091	1. 1113
3328	SIMS, R	18	1076045	1. 1112
3329	DERISI, JL	14	1075852	1. 1110
3330	VILLANI, AC	14	1075303	1. 1105

3331	YANG, F	1079	1074555	1. 1097
3332	DE MARCO, A	18	1074099	1. 1092
3333	WILLSEY, AJ	20	1073698	1. 1088
3334	KE, ZJ	15	1073598	1. 1087
3335	TAVAZOIE, SF	23	1073503	1. 1086
3336	EELLEN, G	28	1073321	1. 1084
3337	MERLINI, L	15	1073090	1. 1082
3338	ZHUANG, L	40	1072923	1. 1080
3339	MICALE, L	32	1072724	1. 1078
3340	BUYSKE, S	40	1072563	1. 1076
3341	PALKOVÁ, Z	14	1072561	1. 1076
3342	MALLET, J	24	1072331	1. 1074
3343	WANG, JJ	884	1071760	1. 1068
3344	WOLF, S	37	1071686	1. 1067
3345	SCHUMACHER, S	15	1071485	1. 1065
3346	BRAAS, D	28	1071356	1. 1064
3347	BAEZ-ORTEGA, A	17	1070510	1. 1055
3348	LEE, JJK	16	1070170	1. 1052
3349	OUYANG, HJ	16	1069156	1. 1041
3350	BEGTHEL, H	34	1068704	1. 1036
3351	WU, SZ	58	1068681	1. 1036
3352	BETTELLA, F	15	1068281	1. 1032
3353	SUN, BF	45	1068167	1. 1031
3354	STRANGER, BE	21	1068063	1. 1030
3355	SPRINGER, W	21	1067186	1. 1021
3356	PADMANABHAN, S	52	1065317	1. 1001
3357	XU, L	1198	1065260	1. 1001
3358	LEE, K	347	1064651	1. 0995
3359	WEST, RB	14	1063149	1. 0979
3360	HAAK, W	52	1063056	1. 0978
3361	FARDO, DW	17	1063005	1. 0978

3362	GUERRA, B	15	1062391	1. 0971
3363	BIRKBAK, NJ	26	1061728	1. 0964
3364	MARKUS, HS	19	1061538	1. 0962
3365	ROBERTS, LR	18	1061410	1. 0961
3366	KEMP, JP	32	1061395	1. 0961
3367	RANDOLPH, GJ	15	1061340	1. 0960
3368	IORIO, F	31	1061332	1. 0960
3369	SINGH, SV	16	1060900	1. 0956
3370	TANG, HL	102	1060178	1. 0948
3371	FRYE, M	25	1060076	1. 0947
3372	GOPALAKRISHNAN, V	28	1060017	1. 0947
3373	CUOCO, MS	19	1059189	1. 0938
3374	HICKIE, IB	23	1058030	1. 0926
3375	LEMBERG, MK	20	1057080	1. 0916
3376	HE, J	929	1056346	1. 0909
3377	NIJMAN, IJ	16	1055232	1. 0897
3378	DEUTSCH, E	22	1054682	1. 0892
3379	MARS, N	14	1054360	1. 0888
3380	SALLUSTO, F	15	1053918	1. 0884
3381	RAMOS, R	41	1053783	1. 0882
3382	MODRUSAN, Z	53	1053693	1. 0881
3383	SALOMONI, P	22	1053399	1. 0878
3384	MUZNY, DM	103	1053165	1. 0876
3385	KIM, S	1240	1052263	1. 0867
3386	ZHANG, XY	1606	1051672	1. 0860
3387	LIN, PH	37	1050660	1. 0850
3388	VIVIER, E	14	1049979	1. 0843
3389	OZPOLAT, B	19	1048817	1. 0831
3390	JAIN, M	146	1047902	1. 0822
3391	MINN, AJ	14	1047773	1. 0820
3392	MARCHAL, K	19	1047398	1. 0816

3393	WU, WKK	75	1047341	1.0816
3394	RHIE, SK	24	1046247	1.0804
3395	EVANGELOU, E	51	1046079	1.0803
3396	GOODWIN, S	18	1045959	1.0801
3397	HE, CC	45	1045449	1.0796
3398	HECKBERT, SR	50	1045169	1.0793
3399	ELEY, TC	20	1045159	1.0793
3400	CHEN, G	644	1044944	1.0791
3401	NIELSEN, R	104	1044184	1.0783
3402	PAPAEMMANUIL, E	23	1043896	1.0780
3403	HAIDER, S	69	1043193	1.0773
3404	ZWART, JA	20	1042874	1.0770
3405	LI, N	1383	1042848	1.0769
3406	SAITOH, T	17	1042607	1.0767
3407	EDKINS, S	14	1041207	1.0752
3408	DAZA, RM	21	1041205	1.0752
3409	MAIURI, L	17	1041106	1.0751
3410	PETERSON, CB	15	1040693	1.0747
3411	LYSSIOTIS, CA	45	1040258	1.0743
3412	ASSELBERGS, FW	80	1039680	1.0737
3413	CANDI, E	54	1039440	1.0734
3414	LING, S	14	1039048	1.0730
3415	BRINI, M	19	1038951	1.0729
3416	HU, Y	889	1038593	1.0725
3417	LIM, HJ	38	1038540	1.0725
3418	MASLIAH, E	26	1038421	1.0724
3419	DALLAGNESE, A	21	1038059	1.0720
3420	BASS, N	14	1037392	1.0713
3421	WILUSZ, JE	26	1037198	1.0711
3422	BROWN, M	139	1036872	1.0708
3423	MOUSIANAS, L	17	1036155	1.0700

3424	TRUMPP, A	55	1036100	1. 0700
3425	CHENG, A	32	1036095	1. 0700
3426	NEZI, L	16	1035327	1. 0692
3427	TAN, ML	17	1035158	1. 0690
3428	WALTERS, GB	24	1034570	1. 0684
3429	CAMPBELL, A	116	1034386	1. 0682
3430	NOTTA, F	19	1034308	1. 0681
3431	WASZAK, SM	24	1034164	1. 0680
3432	MONTELL, C	18	1033936	1. 0677
3433	XIAO, HY	46	1033492	1. 0673
3434	ZHUANG, SM	16	1033252	1. 0670
3435	FENYÖ, D	48	1032844	1. 0666
3436	ESTIVILL, X	34	1032491	1. 0662
3437	JONES, C	76	1032400	1. 0661
3438	ABASCAL, F	27	1032150	1. 0659
3439	RICH, JN	62	1032031	1. 0658
3440	BOWTELL, DDL	14	1031434	1. 0651
3441	HANSEN, TF	38	1030920	1. 0646
3442	SENGUPTA, S	144	1030597	1. 0643
3443	CHEN, GC	51	1030086	1. 0638
3444	HERDER, C	33	1029986	1. 0637
3445	SIFRIM, A	23	1029906	1. 0636
3446	YAO, MC	14	1029784	1. 0634
3447	STAELS, B	30	1029323	1. 0630
3448	SANDIN, S	20	1029218	1. 0629
3449	ZHANG, S	1231	1028907	1. 0625
3450	NEAL, DE	26	1028814	1. 0624
3451	RAJ, A	60	1028377	1. 0620
3452	TOPISIROVIC, I	42	1027392	1. 0610
3453	MBAREK, H	44	1026633	1. 0602
3454	VAN DEN BERG, LH	34	1025931	1. 0595

3455	KIEL, DP	29	1025328	1.0588
3456	WILLER, C	14	1024384	1.0579
3457	BANDOPADHAYAY, P	19	1024058	1.0575
3458	YANG, X	1150	1023989	1.0575
3459	PENDLETON, N	14	1023848	1.0573
3460	JORGENSEN, ME	40	1023648	1.0571
3461	ARKING, DE	67	1023532	1.0570
3462	BERNARDS, R	45	1023329	1.0568
3463	VERMEULEN, L	22	1022543	1.0560
3464	LIU, D	777	1021626	1.0550
3465	SHI, YG	107	1020749	1.0541
3466	ISAACS, WB	20	1020616	1.0540
3467	KUMAR, A	961	1020178	1.0535
3468	CURTIS, D	46	1019176	1.0525
3469	SCHEKMAN, R	19	1018952	1.0523
3470	JIN, MY	45	1018832	1.0521
3471	TAKAHASHI, Y	216	1018582	1.0519
3472	HENSKE, EP	31	1018500	1.0518
3473	HU, J	705	1018096	1.0514
3474	ZAFFARONI, N	16	1018081	1.0514
3475	MINASSIAN, BA	19	1018005	1.0513
3476	CROOK, D	15	1017656	1.0509
3477	SAHAI, E	28	1016882	1.0501
3478	MASON, CE	80	1016306	1.0495
3479	WANG, XW	485	1016048	1.0493
3480	MANNERMAA, A	56	1015757	1.0490
3481	SIMONE, C	19	1015255	1.0484
3482	WU, Q	741	1014392	1.0475
3483	CIRIOLO, MR	17	1014084	1.0472
3484	DENG, XL	100	1013848	1.0470
3485	LU, BF	22	1013530	1.0467

3486	AUER, PL	75	1012886	1. 0460
3487	DEELEN, J	42	1012801	1. 0459
3488	SUZUKI, H	304	1012464	1. 0456
3489	CRAMER, P	88	1011621	1. 0447
3490	LOOMBA, R	24	1011464	1. 0445
3491	CHRISTENSEN, C	22	1011372	1. 0444
3492	REIK, W	69	1011214	1. 0443
3493	VATS, P	17	1010634	1. 0437
3494	FRISÉN, J	23	1010530	1. 0436
3495	AHSAN, H	29	1010391	1. 0434
3496	BAEK, SH	67	1009988	1. 0430
3497	GIORGI, C	54	1009973	1. 0430
3498	KAUFMAN, RJ	23	1009677	1. 0427
3499	SPIEGELMAN, BM	31	1009437	1. 0424
3500	MAYER, A	41	1009338	1. 0423
3501	ROSA, JL	17	1009198	1. 0422
3502	WANG, YJ	1060	1008252	1. 0412
3503	HUDSON, TJ	21	1008079	1. 0410
3504	TITORENKO, VI	15	1007770	1. 0407
3505	LEVY, D	157	1007624	1. 0406
3506	CELLA, M	19	1007388	1. 0403
3507	GONG, QQ	14	1007129	1. 0400
3508	BONNELYKKE, K	28	1006639	1. 0395
3509	SOUTHAM, L	43	1006587	1. 0395
3510	ZHOU, L	1030	1005875	1. 0388
3511	LIGHTHART, S	18	1005839	1. 0387
3512	DESAI, N	14	1005536	1. 0384
3513	DE RUBEIS, S	27	1005322	1. 0382
3514	GODZIK, A	14	1004475	1. 0373
3515	ZHANG, G	359	1004275	1. 0371
3516	WEISSBROD, O	19	1003263	1. 0361

3517	LODA, M	35	1002696	1. 0355
3518	LIM, K	55	1002659	1. 0354
3519	WEINBERGER, DR	50	1002528	1. 0353
3520	MALIK, R	55	1002375	1. 0351
3521	SERRETTI, A	19	1002324	1. 0351
3522	MARQUES-VIDAL, P	19	1001428	1. 0342
3523	YUAN, J	347	1000940	1. 0337
3524	HARRIS, SE	75	1000865	1. 0336
3525	MA, L	858	999429	1. 0321
3526	YU, ZP	61	999424	1. 0321
3527	FERNANDES, D	18	998774	1. 0314
3528	ZHAO, YG	67	998696	1. 0313
3529	WANG, R	950	998536	1. 0312
3530	HENTZE, MW	25	998401	1. 0310
3531	VIÑUELA, A	19	998210	1. 0308
3532	ZHANG, QM	57	997674	1. 0303
3533	XIA, Y	478	996621	1. 0292
3534	LANGER, R	34	996613	1. 0292
3535	SUZUKI, K	272	996566	1. 0291
3536	SHALEM, O	18	996411	1. 0290
3537	SCULLY, R	28	996396	1. 0290
3538	PERERA, RM	17	996077	1. 0286
3539	PARENTI, G	15	995895	1. 0284
3540	NAGATA, S	43	995583	1. 0281
3541	SCHRAMM, K	21	994970	1. 0275
3542	LENZ, G	45	994885	1. 0274
3543	HOLMES, C	27	994581	1. 0271
3544	TANG, H	451	994166	1. 0267
3545	WANG, YC	791	994124	1. 0266
3546	HUANG, RYJ	22	993884	1. 0264
3547	CALVO, F	21	993631	1. 0261

3548	HUANG, ZY	227	993308	1. 0258
3549	TAYLOR, MD	101	993087	1. 0255
3550	SHEN, WL	45	992210	1. 0246
3551	HAMMOND, EM	17	992210	1. 0246
3552	LABADIE, K	22	992146	1. 0246
3553	LANDTHALER, M	37	991531	1. 0239
3554	JIA, LJ	56	991356	1. 0238
3555	ROTEM, A	15	991262	1. 0237
3556	DOWNING, JR	21	991049	1. 0234
3557	HU, GC	16	991040	1. 0234
3558	HEYN, H	55	990248	1. 0226
3559	BAUR, JA	31	989364	1. 0217
3560	YOUNG, RM	30	987923	1. 0202
3561	PARK, YJ	139	987827	1. 0201
3562	PASANIUC, B	80	987457	1. 0197
3563	ABDELMOHSEN, K	44	986984	1. 0192
3564	DE ROJAS, I	17	986890	1. 0191
3565	THIBAUD-NISSEN, F	27	986525	1. 0188
3566	SCARPA, A	42	986253	1. 0185
3567	WANG, SY	822	986235	1. 0185
3568	LA SPADA, AR	22	985794	1. 0180
3569	SATPATHY, AT	48	985549	1. 0178
3570	HU, X	404	985528	1. 0177
3571	KAHN, CR	36	985361	1. 0176
3572	MARTIN, J	99	985230	1. 0174
3573	VITALE, G	18	984677	1. 0169
3574	SPITZER, MH	15	984577	1. 0168
3575	WEN, LP	17	984499	1. 0167
3576	LAZO, PA	17	984013	1. 0162
3577	TUVESON, DA	26	983190	1. 0153
3578	WILLIAMS, C	98	983171	1. 0153

3579	HARADA, M	54	982539	1.0147
3580	SUBRAMANIAM, S	73	982489	1.0146
3581	KNIGHT, JC	48	982113	1.0142
3582	TERAO, C	69	981674	1.0138
3583	OSHIMA, J	23	981414	1.0135
3584	ZHANG, LY	571	981080	1.0131
3585	KENWORTHY, AK	21	981059	1.0131
3586	XU, HX	187	980712	1.0128
3587	SEALE, P	23	980574	1.0126
3588	CHAFFIN, M	28	980269	1.0123
3589	GUO, CY	102	980004	1.0120
3590	FITZGERALD, RC	35	979483	1.0115
3591	KIEMENEY, LA	42	979482	1.0115
3592	MURPHY, KC	20	979031	1.0110
3593	LIU, Z	1036	978946	1.0109
3594	MORENO, S	37	978485	1.0105
3595	KORLACH, J	24	978109	1.0101
3596	PORTEOUS, D	22	977783	1.0097
3597	ZHANG, R	954	976928	1.0089
3598	KAMPINGA, HH	23	976867	1.0088
3599	CHIN, CS	21	976769	1.0087
3600	SKOGHOLT, AH	19	975869	1.0078
3601	TURMAN, C	26	975818	1.0077
3602	MATARESE, G	26	975423	1.0073
3603	GOODALL, GJ	20	975053	1.0069
3604	MEISINGER, C	40	974969	1.0068
3605	FROSSARD, P	15	974852	1.0067
3606	MEI, YD	19	974059	1.0059
3607	MUNDLOS, S	98	973971	1.0058
3608	ZHANG, ZM	270	973368	1.0052
3609	BRISTOW, RG	30	973080	1.0049

3610	KUO, SH	18	973013	1.0048
3611	CARLSON, CS	29	972999	1.0048
3612	LI, CY	779	972910	1.0047
3613	KHARE, S	19	972251	1.0040
3614	RICHARDS, AL	26	971576	1.0033
3615	MEDZHITOV, R	23	971493	1.0032
3616	FOX, C	19	971369	1.0031
3617	AEBERSOLD, R	92	971296	1.0030
3618	ZHOU, GF	33	970803	1.0025
3619	WRIGHT, AF	34	970733	1.0025
3620	XIE, Y	474	970127	1.0018
3621	HUANG, S	431	970053	1.0018
3622	WILLERSLEV, E	65	969669	1.0014
3623	DICKSON, DW	49	969360	1.0010
3624	COFFEY, RJ	35	968431	1.0001
3625	RABADAN, R	55	968093	0.9997
3626	BULTYNCK, G	78	967955	0.9996
3627	ZHAO, H	800	967754	0.9994
3628	HUANG, V	16	967292	0.9989
3629	HU, XD	77	966767	0.9984
3630	ZHOU, YH	338	966651	0.9982
3631	KONG, A	44	966412	0.9980
3632	CAVALLI, G	54	966148	0.9977
3633	ATTOLINI, CSO	27	965989	0.9976
3634	GREEN, E	15	965214	0.9968
3635	CHMIELOWSKI, B	18	965142	0.9967
3636	HUANG, AC	18	965142	0.9967
3637	SHIRAIISHI, Y	46	963957	0.9955
3638	MAYEUX, R	17	963910	0.9954
3639	ARTIGAS, MS	22	963086	0.9946
3640	SANYAL, AJ	15	962173	0.9936

3641	PEYSER, PA	68	961987	0.9934
3642	DARZACQ, X	30	961570	0.9930
3643	FOEKENS, JA	17	961506	0.9929
3644	XIE, ZL	47	961380	0.9928
3645	NUTILE, T	27	961085	0.9925
3646	OKAMOTO, K	113	960343	0.9917
3647	NUSSENZWEIG, A	64	960121	0.9915
3648	DALE, AM	47	959095	0.9904
3649	TSUKUBA, T	16	958921	0.9903
3650	HEIN, A	27	958442	0.9898
3651	TURNER, D	21	957861	0.9892
3652	PAK, SC	15	956584	0.9879
3653	GARCIA, BA	149	956273	0.9875
3654	HEYNE, HO	15	956104	0.9874
3655	SMIT, EF	15	956104	0.9874
3656	SOTGIA, F	44	954928	0.9861
3657	NISHIMASU, H	23	954335	0.9855
3658	LEE, CM	53	954083	0.9853
3659	LAHTI, J	42	953994	0.9852
3660	SIEBERT, R	48	952287	0.9834
3661	SHIBUYA, K	18	952200	0.9833
3662	CAIRNS, MJ	23	951458	0.9826
3663	QUESNEVILLE, H	18	951285	0.9824
3664	GAO, F	575	950987	0.9821
3665	CAI, JJ	62	950844	0.9819
3666	YU, H	733	950412	0.9815
3667	SRIVASTAVA, A	184	950205	0.9813
3668	JÄRVELIN, MR	32	950117	0.9812
3669	CATTIVELLI, L	17	948740	0.9798
3670	FERNANDEZ-ZAPICO,	16	948676	0.9797
3671	SKOGLUND, P	42	948630	0.9796

3672	SUZUKI, T	502	948602	0.9796
3673	SCHNEIDER, JA	15	948545	0.9796
3674	GERSTEIN, M	70	948427	0.9794
3675	SANJANA, NE	29	948273	0.9793
3676	BRASTIANOS, PK	18	947587	0.9786
3677	RAHMANI, M	18	947587	0.9786
3678	BAKSHI, A	34	947551	0.9785
3679	LI, XL	864	947112	0.9781
3680	ROBERTS, SA	42	946507	0.9774
3681	BIINO, G	18	946239	0.9772
3682	ZHOU, B	514	945902	0.9768
3683	SPAINK, HP	19	945763	0.9767
3684	ADAMS, DJ	121	944745	0.9756
3685	JUNG, JU	27	944552	0.9754
3686	KOLLER, D	17	944490	0.9754
3687	NOORDAM, R	49	943429	0.9743
3688	WILLIAMS, CJ	32	942928	0.9737
3689	WAGHRAY, A	15	942519	0.9733
3690	CLARINGBOULD, A	24	942497	0.9733
3691	LI, JB	261	941441	0.9722
3692	JADDOE, VWV	44	941394	0.9722
3693	LEE, Y	498	940648	0.9714
3694	MALLI, R	20	940045	0.9708
3695	VENTURA, N	17	939300	0.9700
3696	LIN, FC	39	938200	0.9689
3697	KELLER, B	21	937494	0.9681
3698	HE, L	553	936884	0.9675
3699	YIN, XM	72	936857	0.9675
3700	MOREL, E	20	936579	0.9672
3701	HOLEHOUSE, AS	25	936250	0.9669
3702	YU, WH	101	935259	0.9658

3703	YU, K	204	934731	0.9653
3704	PETERSEN, RC	17	934124	0.9647
3705	PILLAY, S	19	933284	0.9638
3706	ENGELMAN, JA	21	933256	0.9638
3707	MOORE, R	58	931192	0.9616
3708	ZHU, WG	82	931121	0.9616
3709	GRAVELEY, BR	26	930626	0.9610
3710	SACK, MN	19	930177	0.9606
3711	SHEN, R	49	930153	0.9606
3712	DIEKHANS, M	27	929656	0.9600
3713	FRASER, P	54	929552	0.9599
3714	GAO, H	394	929533	0.9599
3715	KELSO, J	42	929452	0.9598
3716	HAAS, S	31	928855	0.9592
3717	WANG, HY	1183	928751	0.9591
3718	HSIEH, JJ	22	928634	0.9590
3719	BARIC, RS	48	928498	0.9588
3720	CASANOVA, J	20	928374	0.9587
3721	ERTEKIN-TANER, N	20	928374	0.9587
3722	VOLLGER, MR	25	927754	0.9581
3723	ESTEBAN, CR	35	927634	0.9580
3724	SAXENA, R	76	927117	0.9574
3725	MOORE, MJ	35	926967	0.9573
3726	JIANG, X	418	926149	0.9564
3727	FERNÁNDEZ, AF	28	926031	0.9563
3728	VON DEIMLING, A	34	925650	0.9559
3729	PARK, Y	215	925560	0.9558
3730	MENG, S	63	925286	0.9555
3731	ZONDERMAN, AB	50	924800	0.9550
3732	SOKOL, H	18	924342	0.9546
3733	HINO, K	18	923441	0.9536

3734	TAN, M	91	922622	0.9528
3735	MCRAE, AF	62	922337	0.9525
3736	RING, SM	31	921918	0.9521
3737	CHIANG, C	17	921502	0.9516
3738	ASARA, JM	95	921379	0.9515
3739	CHENG, H	301	920856	0.9510
3740	BELL, JT	50	920725	0.9508
3741	YAMAGUCHI, TN	20	920634	0.9507
3742	ABDEL-WAHAB, O	58	920536	0.9506
3743	MCCOY, AJ	24	920401	0.9505
3744	XIANG, J	125	920012	0.9501
3745	SAPPHIRE, EO	28	919844	0.9499
3746	KEENE, CD	17	919661	0.9497
3747	HUANG, A	82	919636	0.9497
3748	WAAGE, J	16	918703	0.9487
3749	TIAN, L	279	918654	0.9487
3750	NAKAGAWA, H	100	918531	0.9486
3751	SILVERMAN, GA	16	918233	0.9482
3752	FRASER, M	31	918154	0.9482
3753	WALDENBERGER, M	91	917446	0.9474
3754	RABIONET, R	16	917295	0.9473
3755	VAN DONGEN, J	50	917200	0.9472
3756	TAYLOR, MJ	19	916944	0.9469
3757	DI IULIO, J	16	916825	0.9468
3758	UAUY, C	27	916694	0.9467
3759	LIM, KL	20	916348	0.9463
3760	CHAKRABORTY, AK	18	916202	0.9462
3761	WANG, CY	790	915911	0.9458
3762	JIN, L	582	915043	0.9450
3763	RIZZO, E	17	913603	0.9435
3764	ARDLIE, K	18	913510	0.9434

3765	QUEZADA, SA	20	912926	0.9428
3766	CHAN, DW	29	912774	0.9426
3767	HIRST, M	38	912346	0.9422
3768	HAAS, A	17	912238	0.9421
3769	SUBRAMANIAN, A	65	911947	0.9418
3770	TREILLEUX, I	17	911770	0.9416
3771	HU, YC	129	910416	0.9402
3772	LIVINGSTONE, J	19	910364	0.9401
3773	ALVER, M	22	910260	0.9400
3774	JIMÉNEZ, A	17	909900	0.9396
3775	HEARD, E	46	909735	0.9395
3776	WANG, XQ	532	909273	0.9390
3777	ODUSHLAINE, C	20	909085	0.9388
3778	SWÄRD, K	17	909004	0.9387
3779	CHO, DH	44	908949	0.9387
3780	TSENG, YY	16	908676	0.9384
3781	ASNICAR, F	19	908189	0.9379
3782	BARNHOLTZ-SLOAN, J	19	908189	0.9379
3783	MITCHELL, P	31	907845	0.9375
3784	GALLINGER, S	51	906375	0.9360
3785	PAULO, JA	112	906156	0.9358
3786	DEVUYST, O	16	905838	0.9354
3787	SMITH, NL	39	904721	0.9343
3788	STANDL, M	16	904401	0.9340
3789	KON, N	24	904025	0.9336
3790	WONG, TY	70	903540	0.9331
3791	PILARSKY, C	17	903447	0.9330
3792	ZENG, ZY	140	902074	0.9316
3793	SUPASA, P	17	901585	0.9311
3794	BURNS, KH	34	900112	0.9295
3795	DOWNES, K	22	899297	0.9287

3796	SPIELMANN, M	61	898698	0.9281
3797	KELLY, BJ	16	897775	0.9271
3798	MULLIGAN, AM	22	897264	0.9266
3799	QIU, XJ	35	897256	0.9266
3800	MOSLEY, TH	39	896799	0.9261
3801	FANG, EF	35	896656	0.9260
3802	BARNES, E	20	896338	0.9256
3803	ZHOU, WD	51	896306	0.9256
3804	CAI, Q	102	895869	0.9252
3805	CHOI, SH	160	895670	0.9249
3806	KRISTIANSEN, K	60	895506	0.9248
3807	SONG, EW	38	895366	0.9246
3808	TIAN, C	159	895108	0.9244
3809	GESTWICKI, JE	25	894916	0.9242
3810	HÅKANSSON, N	18	894658	0.9239
3811	AL-CHALABI, A	21	894451	0.9237
3812	REILLY, DF	21	893225	0.9224
3813	MENG, LS	20	892531	0.9217
3814	ZHANG, XJ	655	892262	0.9214
3815	LANE, JM	16	892061	0.9212
3816	CRUCHAGA, C	49	891422	0.9206
3817	PATO, CN	23	891049	0.9202
3818	CHOI, C	63	890680	0.9198
3819	MERCADER, JM	31	890121	0.9192
3820	AWASTHI, S	22	890045	0.9191
3821	BERGER, SL	63	890024	0.9191
3822	XU, W	491	889334	0.9184
3823	SHIMADA, Y	49	888954	0.9180
3824	HSU, JL	26	888718	0.9178
3825	LISANTI, MP	50	888711	0.9178
3826	AGRAWAL, N	33	888221	0.9173

3827	KÖTTGEN, A	35	887715	0.9167
3828	BOURQUE, G	63	887370	0.9164
3829	REN, J	401	887316	0.9163
3830	RAMIREZ, A	48	887275	0.9163
3831	FRANKE, B	38	887099	0.9161
3832	LUTOLF, MP	42	887094	0.9161
3833	LI, P	1165	886881	0.9159
3834	CAO, S	125	886668	0.9157
3835	TRONCOSO, JC	20	886205	0.9152
3836	TREMBATH, RC	31	885717	0.9147
3837	RODIG, SJ	21	885383	0.9143
3838	YOON, SS	21	885383	0.9143
3839	LI, YM	655	884499	0.9134
3840	KRUEER, MC	23	883944	0.9128
3841	WAN, XB	19	883857	0.9127
3842	KITAJIMA, Y	20	883681	0.9126
3843	DANDREA, AD	40	883278	0.9122
3844	BETSHOLTZ, C	47	883271	0.9121
3845	HU, HB	75	883054	0.9119
3846	SHI, PY	48	882886	0.9117
3847	SMALL, KS	41	882728	0.9116
3848	GRANT, S	19	882595	0.9114
3849	ZHANG, N	912	882528	0.9114
3850	SHUKLA, D	20	882420	0.9113
3851	WUTTKE, M	17	882347	0.9112
3852	XIAO, J	422	881700	0.9105
3853	ZHU, JY	248	880888	0.9097
3854	GROSS, A	41	880412	0.9092
3855	YANG, C	864	880322	0.9091
3856	DUNACHIE, SJ	16	880304	0.9091
3857	SUN, SC	119	879936	0.9087

3858	MAROULI, E	30	879609	0.9084
3859	JIANG, LW	57	878946	0.9077
3860	ROCA-CUSACHS, P	41	878899	0.9076
3861	BARBIE, DA	19	878694	0.9074
3862	WILLIAMSON, C	21	878413	0.9071
3863	SCHÜBELER, D	27	878402	0.9071
3864	MEYER, JN	18	878259	0.9070
3865	LIN, DC	31	877319	0.9060
3866	LI, YJ	844	877315	0.9060
3867	CHO, YS	102	876853	0.9055
3868	HAN, B	361	876740	0.9054
3869	HWANG, JJ	22	876400	0.9050
3870	COLODRO-CONDE, L	26	876227	0.9049
3871	DRUCKER, DJ	24	875544	0.9042
3872	SUN, Q	518	875101	0.9037
3873	KIM, DH	367	875082	0.9037
3874	FLYNN, RA	27	874800	0.9034
3875	SCHLOMM, T	22	874393	0.9030
3876	CHATTERJEE, N	85	873591	0.9021
3877	SINGH, R	351	872225	0.9007
3878	TELENTI, A	42	872093	0.9006
3879	IBRAHIM, DM	18	872076	0.9006
3880	LIU, JZ	157	871352	0.8998
3881	HOLMANS, P	35	870559	0.8990
3882	REIF, A	26	869968	0.8984
3883	JOLLY, C	20	869028	0.8974
3884	CARR, SA	99	868975	0.8974
3885	CHEN, PW	38	868853	0.8973
3886	HUANG, N	168	868552	0.8969
3887	CRAWFORD, GE	44	867981	0.8964
3888	QIAN, SB	22	867640	0.8960

3889	ROWAN, A	24	867518	0.8959
3890	TORRISI, MR	21	867428	0.8958
3891	AZAD, N	21	867012	0.8954
3892	HOOD, DA	25	866389	0.8947
3893	CASAS, M	22	866060	0.8944
3894	WANG, YY	1150	865979	0.8943
3895	PAVENSTÄDT, H	18	865498	0.8938
3896	LIU, R	580	865467	0.8938
3897	WEN, X	165	864626	0.8929
3898	CHOU, TF	20	864448	0.8927
3899	VAN DER KLEI, IJ	20	864032	0.8923
3900	PREHN, JHM	43	863905	0.8921
3901	HUTTLIN, EL	18	863754	0.8920
3902	HONG, YG	18	863298	0.8915
3903	SCHIAVI, A	19	862882	0.8911
3904	NICOL, D	25	862669	0.8909
3905	WEI, MJ	60	862561	0.8908
3906	PETROVSKI, S	65	862163	0.8903
3907	XU, H	916	861766	0.8899
3908	CHAUHAN, G	22	861285	0.8894
3909	LAISK, T	20	860710	0.8888
3910	DONG, Z	145	860425	0.8886
3911	TREPAT, X	48	860313	0.8884
3912	PINHASI, R	65	859171	0.8873
3913	WEI, JW	39	858675	0.8867
3914	SINNOTT-ARMSTRONG,	23	858670	0.8867
3915	KATO, M	222	858595	0.8867
3916	KIM, MM	19	858196	0.8862
3917	MESRI, M	19	858196	0.8862
3918	HARRIS, T	23	857883	0.8859
3919	BRANCOLINI, C	20	857394	0.8854

3920	MENG, ZP	28	857129	0.8851
3921	PYBUS, OG	35	856775	0.8848
3922	MARSON, A	36	856550	0.8845
3923	HOOVER, RN	23	856356	0.8843
3924	SONG, Y	628	856027	0.8840
3925	ZHANG, XD	360	855611	0.8836
3926	WANG, CA	39	855162	0.8831
3927	HARDIE, DG	17	854803	0.8827
3928	SCHERER, PE	41	854789	0.8827
3929	JOHNSON, M	70	853624	0.8815
3930	MENTZER, AJ	37	853622	0.8815
3931	RUSSO, P	37	853037	0.8809
3932	KIM, JH	902	853005	0.8809
3933	KRANZLER, HR	29	852449	0.8803
3934	WILSON, GA	17	851635	0.8795
3935	HUANG, B	385	851619	0.8795
3936	NGUYEN, LH	18	851513	0.8793
3937	STAUDT, LM	25	851191	0.8790
3938	ROBERT, L	28	850166	0.8780
3939	CORCES, MR	25	849715	0.8775
3940	HEWITT, AW	82	849271	0.8770
3941	SONESON, C	21	849245	0.8770
3942	LIU, K	680	848839	0.8766
3943	MORGAN, K	28	848786	0.8765
3944	ZENG, JS	18	848466	0.8762
3945	RIGGI, N	17	847609	0.8753
3946	ECHARD, A	31	847584	0.8753
3947	MAITI, TK	19	847174	0.8749
3948	SHEN, L	411	846473	0.8741
3949	CHEN, YQ	442	845713	0.8734
3950	LI, JJ	951	844472	0.8721

3951	UITTERLINDEN, A	27	843771	0.8714
3952	COPPOLA, G	57	843521	0.8711
3953	DEWERCHIN, M	26	841666	0.8692
3954	DENNY, JC	60	841374	0.8689
3955	LAM, T	19	839989	0.8674
3956	POLANSKI, K	19	839989	0.8674
3957	PEARSON, J	33	839713	0.8672
3958	LIANG, CY	62	839160	0.8666
3959	SCHMITT, CA	22	838103	0.8655
3960	SHEN, Y	603	837980	0.8654
3961	WOLK, A	37	836714	0.8641
3962	NIKUS, K	26	836628	0.8640
3963	FUJIWARA, Y	77	835916	0.8632
3964	CHAUDHURI, O	23	835634	0.8629
3965	TAKANO, A	21	835622	0.8629
3966	PICKETT, HA	24	835140	0.8624
3967	BOCK, C	71	834169	0.8614
3968	ZHENG, Y	805	834107	0.8614
3969	HUANG, L	819	833936	0.8612
3970	JACKSON, DJ	24	833678	0.8609
3971	NUSSENZWEIG, MC	36	833587	0.8608
3972	DEELEN, P	41	833581	0.8608
3973	SULEM, P	107	832614	0.8598
3974	DONG, L	274	832532	0.8597
3975	WISTUBA, II	46	831893	0.8591
3976	GHESQUIÈRE, B	34	831788	0.8590
3977	EVANS, K	20	831504	0.8587
3978	THIERING, E	17	830743	0.8579
3979	GOLDMAN, GH	25	829921	0.8570
3980	CAO, JY	112	829897	0.8570
3981	BENDALL, SC	20	829874	0.8570

3982	SALAZAR, R	20	829874	0.8570
3983	WANG, LH	458	829665	0.8568
3984	LE HELLARD, S	19	829084	0.8562
3985	LOHMAN, K	19	829084	0.8562
3986	REN, XC	21	828851	0.8559
3987	CHOI, EK	27	828284	0.8554
3988	GIOVANNETTI, E	26	828054	0.8551
3989	COOPER, L	17	827658	0.8547
3990	HASTIE, A	18	827331	0.8544
3991	ROTTER, J	58	826845	0.8539
3992	YAMANAKA, K	26	826645	0.8537
3993	MUKHERJEE, S	289	825957	0.8530
3994	HARRIS, RA	50	825356	0.8523
3995	ROBERTS, CWM	22	825270	0.8522
3996	HAYNES, CM	26	825191	0.8522
3997	DELEUZE, JF	143	825078	0.8520
3998	LINEHAN, WM	36	825076	0.8520
3999	COHEN, P	70	824687	0.8516
4000	SUN, M	291	824533	0.8515
4001	FORTUNATO, F	21	824461	0.8514
4002	MELSTED, P	26	824147	0.8511
4003	BRICE, A	34	824014	0.8509
4004	WHITE, T	28	823907	0.8508
4005	XI, RB	20	823368	0.8503
4006	CAO, LZ	23	823079	0.8500
4007	CHEN, YG	160	823059	0.8500
4008	FARHOOD, B	33	822869	0.8498
4009	YOSEF, N	50	822275	0.8492
4010	FU, JX	41	822188	0.8491
4011	WEISSLEDER, R	20	822151	0.8490
4012	FAN, Y	418	821798	0.8487

4013	LEE, JE	205	821637	0.8485
4014	WANG, YF	1017	820964	0.8478
4015	HOU, L	184	820336	0.8472
4016	JOHNSON, DB	21	820123	0.8469
4017	PRINCE, S	24	819906	0.8467
4018	KHOR, CC	76	819323	0.8461
4019	SHU, XO	99	818733	0.8455
4020	DE SOUZA, W	19	818696	0.8455
4021	YANG, M	876	818634	0.8454
4022	HORVATH, TL	30	818417	0.8452
4023	CHAN, MTV	51	818288	0.8450
4024	ARORA, A	58	818019	0.8448
4025	WANG, YM	563	817612	0.8443
4026	MARTIN, ER	31	817471	0.8442
4027	CHEN, B	649	817335	0.8441
4028	SHAH, P	70	816923	0.8436
4029	KRIEBEL, J	20	816888	0.8436
4030	WANG, HL	551	816778	0.8435
4031	PIZZO, P	21	816564	0.8433
4032	LI, HY	877	816387	0.8431
4033	MORRIS, J	52	816264	0.8429
4034	VALDES, AM	21	815797	0.8425
4035	MITTNIK, A	19	815786	0.8425
4036	SYED, A	30	815447	0.8421
4037	JAFFE, JD	19	815382	0.8420
4038	HUNTER, T	27	815376	0.8420
4039	WANG, N	908	814430	0.8411
4040	CHU, AY	27	814339	0.8410
4041	ZHANG, D	819	814105	0.8407
4042	FILADI, R	19	813727	0.8403
4043	DE ANDRADE, M	48	813557	0.8402

4044	ZHANG, XQ	492	813444	0.8400
4045	CONEJO-GARCIA, JR	21	813416	0.8400
4046	KIMURA, T	159	813254	0.8398
4047	BEACHY, PA	22	812941	0.8395
4048	PANKOW, JS	51	812733	0.8393
4049	WANG, ZY	1053	812732	0.8393
4050	FU, JY	92	812551	0.8391
4051	DAMATO, M	21	811441	0.8380
4052	LAZAROU, M	38	811203	0.8377
4053	ABU-REMAILEH, M	24	811058	0.8376
4054	RIPPE, K	44	810835	0.8373
4055	LI, YL	806	810030	0.8365
4056	LI, YY	1065	809565	0.8360
4057	SHARMA, S	531	808131	0.8345
4058	HUCKINS, LM	20	807618	0.8340
4059	DIETMANN, S	44	807596	0.8340
4060	DANIELE, A	22	807192	0.8336
4061	WHITE, KP	33	807129	0.8335
4062	MOFFAT, J	66	806316	0.8327
4063	MAYER, C	43	805676	0.8320
4064	ROTTENBERG, S	30	805585	0.8319
4065	MANI, DR	35	805580	0.8319
4066	BHARDWAJ, N	31	805466	0.8318
4067	DAI, CS	26	805376	0.8317
4068	SHI, YF	170	805194	0.8315
4069	DUPUIS, L	32	805155	0.8315
4070	WANG, RC	35	805011	0.8313
4071	ROBERTS, R	27	804269	0.8306
4072	SCHOEMAKER, MJ	20	803604	0.8299
4073	CHEONG, HS	19	803396	0.8297
4074	AHN, J	115	803191	0.8294

4075	WANG, HM	376	802633	0.8289
4076	NODA, T	76	802194	0.8284
4077	MA, S	195	801946	0.8282
4078	TATA, PR	32	801378	0.8276
4079	ZAMBONI, N	43	801060	0.8272
4080	DUROCHER, D	35	800770	0.8269
4081	MATSUDA, K	138	800442	0.8266
4082	DUPUIS, J	77	800127	0.8263
4083	KIHARA, A	19	800114	0.8263
4084	BENES, CH	25	799951	0.8261
4085	CHEN, YY	650	799421	0.8256
4086	BERGMANN, S	43	798601	0.8247
4087	KANG, YB	37	798347	0.8244
4088	TSIRIGOS, A	60	798337	0.8244
4089	OHSHIMA, T	20	798001	0.8241
4090	WANG, YG	327	797698	0.8238
4091	YANG, XS	133	797013	0.8231
4092	BROXMEYER, HE	30	796760	0.8228
4093	ZHU, XF	250	796679	0.8227
4094	MOOR, AE	18	796309	0.8223
4095	GAVARD, J	21	796169	0.8222
4096	TOMMASI, S	21	796169	0.8222
4097	COLLER, J	24	796047	0.8221
4098	OGURA, Y	58	795849	0.8219
4099	COARFA, C	73	795813	0.8218
4100	SMITH, DJ	40	794676	0.8207
4101	YEO, GW	84	794614	0.8206
4102	BHATTACHARYYA, S	79	794239	0.8202
4103	LEE, MS	159	794048	0.8200
4104	WILLIAMS, K	40	793859	0.8198
4105	SPRACKLEN, CN	26	793442	0.8194

4106	HARTL, FU	46	792548	0.8185
4107	MENG, SS	29	792496	0.8184
4108	ZETTERBERG, H	52	792361	0.8183
4109	ANDERSEN, MS	18	792129	0.8180
4110	BRUNAK, S	61	791630	0.8175
4111	ROBERTS, DJ	40	791606	0.8175
4112	LUO, J	577	791545	0.8174
4113	BUENROSTRO, JD	41	791036	0.8169
4114	SONG, JX	74	790857	0.8167
4115	TSENG, YH	55	790806	0.8167
4116	LI, F	1094	790353	0.8162
4117	PICCIONI, F	30	790239	0.8161
4118	SPENCER, CCA	20	790031	0.8159
4119	AURY, JM	38	789962	0.8158
4120	RICE, K	39	789821	0.8156
4121	XU, CF	56	789688	0.8155
4122	LIU, XH	579	789600	0.8154
4123	SNUDERL, M	24	789547	0.8154
4124	LIN, HH	140	789421	0.8152
4125	CHERRY, JM	20	789236	0.8150
4126	ELOSEGUI-ARTOLA, A	20	789236	0.8150
4127	LIU, M	1016	789055	0.8148
4128	MOONEY, DJ	27	788486	0.8143
4129	MARTELLI, AM	31	788161	0.8139
4130	ZHAO, YL	411	788089	0.8138
4131	CRUAUD, C	24	788082	0.8138
4132	VON KALLE, C	20	788045	0.8138
4133	WRIGHT, MJ	34	787994	0.8138
4134	NAKAMURA, H	107	787552	0.8133
4135	LI-GAO, R	18	787525	0.8133
4136	SMID, M	22	787367	0.8131

4137	BLENNOW, K	26	786466	0.8122
4138	MEYER, M	92	786287	0.8120
4139	YI, TS	18	786258	0.8120
4140	APARICIO, S	42	785859	0.8115
4141	MOROISHI, T	25	784996	0.8107
4142	SALMINEN, A	19	784990	0.8106
4143	KIM, HL	40	784000	0.8096
4144	KIM, HJ	619	783578	0.8092
4145	PAPAGIANNAKOPOULOS	25	783225	0.8088
4146	YAN, Z	111	782862	0.8085
4147	SCHERER, M	28	782570	0.8082
4148	VELDINK, JH	50	782501	0.8081
4149	SINHA, S	194	781820	0.8074
4150	GAO, X	702	781258	0.8068
4151	SHAW, CE	24	780468	0.8060
4152	FRANCESCHI, C	86	779934	0.8054
4153	ZHANG, JY	1012	779220	0.8047
4154	WHITFIELD, JB	32	779058	0.8045
4155	PAPASAIKAS, P	20	778940	0.8044
4156	UENO, NT	26	778860	0.8043
4157	HU, B	398	778316	0.8038
4158	ANDLAUER, TFM	24	777953	0.8034
4159	AGUIRRE, AJ	30	777936	0.8034
4160	PARTRIDGE, L	53	777904	0.8033
4161	GOODARZI, H	49	776428	0.8018
4162	ALBERTI, A	25	776161	0.8015
4163	PRIGMORE, E	24	776146	0.8015
4164	SCHILLER, HB	21	775679	0.8010
4165	KOPPELMAN, GH	24	775442	0.8008
4166	PIRINEN, M	46	774537	0.7999
4167	MULLOY, JC	19	774450	0.7998

4168	CHOI, M	128	774378	0.7997
4169	WILLIAMS, D	53	773546	0.7988
4170	ZACKSENHAUS, E	23	773539	0.7988
4171	KIM, C	244	773087	0.7984
4172	ASHWORTH, A	31	772616	0.7979
4173	DUDBRIDGE, F	46	772237	0.7975
4174	NEWTON-CHEH, C	29	772120	0.7974
4175	GAO, Q	362	772037	0.7973
4176	MORTEZAEI, K	44	771421	0.7966
4177	VAN DAM, RM	31	771349	0.7966
4178	DOHENY, KF	23	771344	0.7966
4179	NOWAKOWSKI, TJ	30	771187	0.7964
4180	BECKMANN, MW	64	770884	0.7961
4181	SHI, JJ	111	770627	0.7958
4182	BUSH, WS	30	770578	0.7958
4183	KOEFFLER, HP	37	770418	0.7956
4184	CRAWFORD, DC	37	770113	0.7953
4185	CHEN, XY	890	769777	0.7949
4186	RINN, JL	53	769697	0.7949
4187	MONGKOLSAPAYA, J	21	769549	0.7947
4188	CHANG-CLAUDE, J	94	769357	0.7945
4189	JONES, L	51	769344	0.7945
4190	LIU, ZY	746	768763	0.7939
4191	TAN, P	112	768590	0.7937
4192	GILBERT, LA	29	767876	0.7930
4193	SARKAR, P	26	767826	0.7929
4194	FU, QM	61	766540	0.7916
4195	SAMUELS, Y	23	766219	0.7913
4196	PALMER, ND	53	766106	0.7911
4197	WANG, JY	1063	765879	0.7909
4198	SUN, X	485	765869	0.7909

4199	KUMAR, D	255	765775	0.7908
4200	YUAN, Y	738	765664	0.7907
4201	AERTS, S	40	765076	0.7901
4202	CHAN, J	38	765071	0.7901
4203	VAN RHEENEN, W	23	764776	0.7898
4204	PLATANIAS, LC	28	764261	0.7892
4205	REZNIK, E	26	763669	0.7886
4206	EVANS, MK	62	763653	0.7886
4207	ALVAREZ, S	36	762985	0.7879
4208	XIAO, S	104	762970	0.7879
4209	PARÉ, G	31	762253	0.7872
4210	DE SAUVAGE, FJ	21	761920	0.7868
4211	ZHANG, JX	402	761775	0.7867
4212	AKEY, JM	28	760994	0.7859
4213	WANG, YX	942	760946	0.7858
4214	FREY, N	34	760815	0.7857
4215	GIOVANETTI, M	19	760000	0.7848
4216	PISCO, AO	20	759720	0.7846
4217	LI, YH	915	759053	0.7839
4218	LIU, P	738	758508	0.7833
4219	UHLÉN, M	33	758505	0.7833
4220	LIN, S	300	757871	0.7826
4221	KOISTINEN, HA	30	757174	0.7819
4222	GAPSTUR, SM	30	756523	0.7813
4223	CHEN, D	550	756247	0.7810
4224	GARBER, M	22	755161	0.7798
4225	BRUNET, A	48	754783	0.7795
4226	DÖRR, M	51	754225	0.7789
4227	CHEN, ZH	560	753869	0.7785
4228	CROSS, JR	20	753108	0.7777
4229	IMAI, Y	76	753020	0.7776

4230	RAYCHAUDHURI, S	92	752982	0.7776
4231	SONG, L	314	752963	0.7776
4232	BEHJATI, S	38	752925	0.7775
4233	WRIGHT, J	45	752701	0.7773
4234	MONTEFIORI, DC	26	752441	0.7770
4235	OLSON, EN	75	752402	0.7770
4236	LEE, W	194	752222	0.7768
4237	PROVINCE, MA	44	752205	0.7768
4238	GÖTTGENS, B	77	752096	0.7767
4239	ZHOU, DC	26	752094	0.7767
4240	KING, D	25	751342	0.7759
4241	MATSUURA, A	23	751336	0.7759
4242	BONIFACINO, JS	51	751280	0.7758
4243	LITCHFIELD, K	39	750722	0.7753
4244	BROER, L	30	750169	0.7747
4245	ALVAREZ, V	28	750145	0.7747
4246	WARD, C	44	749879	0.7744
4247	ZHANG, JP	261	749563	0.7741
4248	WAIN, LV	34	749477	0.7740
4249	FAN, SL	31	749414	0.7739
4250	ROSENWALD, A	35	749005	0.7735
4251	GU, DF	24	748692	0.7732
4252	WANG, YL	1179	748566	0.7730
4253	ZHAO, X	763	748517	0.7730
4254	CUTILLAS, PR	28	748156	0.7726
4255	RAMASWAMY, V	35	748105	0.7726
4256	HOTAMISLIGIL, GS	20	748071	0.7725
4257	HE, YW	49	747972	0.7724
4258	LIU, ZH	714	747317	0.7717
4259	GAZIANO, JM	61	747133	0.7716
4260	QIAN, XY	76	746845	0.7713

4261	JUGESSUR, A	24	746229	0.7706
4262	ENROTH, S	33	746086	0.7705
4263	LIU, CT	91	745613	0.7700
4264	FRANCESCHINI, N	90	745463	0.7698
4265	SMELAND, OB	27	745349	0.7697
4266	TANAKA, K	264	745255	0.7696
4267	NOEGEL, AA	22	745218	0.7696
4268	UVERSKY, VN	80	745154	0.7695
4269	THOMAS, G	60	745021	0.7694
4270	VAN DE VEN, M	20	744980	0.7693
4271	YAMADA, T	191	744841	0.7692
4272	MIRZAEI, H	98	744176	0.7685
4273	RAJ, T	24	744114	0.7684
4274	KESARI, S	25	744079	0.7684
4275	ZHANG, JS	311	743720	0.7680
4276	VERMA, IM	19	743681	0.7680
4277	DING, JJ	68	742999	0.7673
4278	KUMAR, R	526	742421	0.7667
4279	SMITH, DR	44	742020	0.7663
4280	HU, C	253	741855	0.7661
4281	NUREKI, O	54	741759	0.7660
4282	GREEN, RC	57	741683	0.7659
4283	WANG, ZM	309	740716	0.7649
4284	WEAVER, AM	29	740467	0.7647
4285	KWIATKOWSKI, DJ	39	740238	0.7644
4286	ZUCMAN-ROSSI, J	21	739607	0.7638
4287	LARKIN, J	25	738912	0.7631
4288	YAMAMOTO, A	75	738817	0.7630
4289	WANG, XX	635	738720	0.7629
4290	ZHOU, Z	398	738607	0.7628
4291	TYAGI, SC	32	737791	0.7619

4292	CHAO, H	21	736956	0.7610
4293	SHLIEN, A	28	736758	0.7608
4294	MUNGALL, KL	22	736374	0.7604
4295	CHEN, A	204	735855	0.7599
4296	HOU, Y	279	735343	0.7594
4297	HARA, E	22	734918	0.7589
4298	ABE, A	21	734732	0.7587
4299	CHANG, TY	32	734472	0.7585
4300	GLAHN, DC	24	734314	0.7583
4301	GARCÍA-SASTRE, A	39	733913	0.7579
4302	WILLIAMS, N	39	733615	0.7576
4303	WONG, CK	34	733519	0.7575
4304	ZHANG, XN	186	733504	0.7575
4305	WUNDERLICH, M	20	733445	0.7574
4306	RASMUSSEN, S	38	733359	0.7573
4307	KARKI, R	21	733239	0.7572
4308	COHEN, E	43	733207	0.7572
4309	PUJOL, A	30	733188	0.7572
4310	XIONG, W	211	732552	0.7565
4311	YANG, S	744	732503	0.7564
4312	DUNNING, AM	82	732453	0.7564
4313	NG, MCY	31	732132	0.7561
4314	QIN, X	179	731130	0.7550
4315	PULIT, SL	25	731025	0.7549
4316	WONG, KK	71	730744	0.7546
4317	MORRISON, SJ	37	730511	0.7544
4318	ZHANG, SY	656	730436	0.7543
4319	LU, YL	179	730226	0.7541
4320	WU, YM	188	730203	0.7541
4321	HU, H	328	729767	0.7536
4322	SCHRODER, K	20	729620	0.7535

4323	POWELL, JE	59	729164	0.7530
4324	HOLM, H	70	728872	0.7527
4325	YANG, WS	67	728848	0.7527
4326	LIU, N	665	728145	0.7519
4327	HE, FT	32	728105	0.7519
4328	KNOBLICH, JA	35	727777	0.7516
4329	GINN, HM	21	727279	0.7511
4330	ZHU, HX	91	727269	0.7510
4331	HUANG, JY	287	727067	0.7508
4332	KWON, TK	54	726865	0.7506
4333	WIGGINS, KL	23	726601	0.7504
4334	HENRISSAT, B	34	726515	0.7503
4335	KOBAYASHI, S	117	725773	0.7495
4336	MIKOSHIBA, K	28	725447	0.7492
4337	KIM, R	79	725357	0.7491
4338	ALBANESE, C	25	725223	0.7489
4339	TODD, JA	25	725223	0.7489
4340	DIXIT, A	35	724040	0.7477
4341	GROZEVA, D	23	723751	0.7474
4342	JUNG, S	134	723656	0.7473
4343	FLAVELL, RA	57	723567	0.7472
4344	CHEN, YJ	703	723468	0.7471
4345	SMITH, MA	57	723326	0.7470
4346	IVANISEVIC, J	20	722380	0.7460
4347	LUO, HL	74	721910	0.7455
4348	KADOCH, C	38	721468	0.7451
4349	LEE, SJ	408	721410	0.7450
4350	SON, JH	23	721288	0.7449
4351	QU, J	206	721282	0.7449
4352	BASTIAN, BC	25	721141	0.7447
4353	WITT, O	29	721116	0.7447

4354	LAN, J	65	721021	0.7446
4355	FITZPATRICK, DR	56	720925	0.7445
4356	XUE, Y	269	720897	0.7445
4357	WOLPIN, BM	24	720713	0.7443
4358	LI, VSW	21	720584	0.7441
4359	SCREATON, GR	20	719722	0.7432
4360	LIPPINCOTT-SHWART	54	719475	0.7430
4361	SCHMUTZ, J	71	719417	0.7429
4362	BLASCO, MA	50	719280	0.7428
4363	GUO, L	569	719141	0.7426
4364	GREENE, CS	38	718438	0.7419
4365	ZHANG, JW	404	718366	0.7418
4366	SCHATZ, MC	62	717800	0.7413
4367	REDLINE, S	77	717753	0.7412
4368	LU, C	345	717673	0.7411
4369	YOUNG, KL	29	717648	0.7411
4370	ZHAO, Z	285	717574	0.7410
4371	JOHANSSON, PA	20	717447	0.7409
4372	CHAN, AT	35	717425	0.7409
4373	YI, F	64	717202	0.7406
4374	FLEMING, J	25	716054	0.7395
4375	KIM, SW	240	716014	0.7394
4376	GHARIB, SA	33	715732	0.7391
4377	JACOB, F	33	715439	0.7388
4378	GUO, Y	823	713839	0.7372
4379	GAO, J	752	712942	0.7362
4380	MILLS, IG	36	712595	0.7359
4381	SHENG, XY	25	711998	0.7353
4382	TYRRELL, J	34	711681	0.7349
4383	NG, B	25	711324	0.7346
4384	YAO, XF	30	711187	0.7344

4385	XIA, T	124	711180	0.7344
4386	ORHO-MELANDER, M	28	711064	0.7343
4387	TOKER, A	25	710986	0.7342
4388	MORA, J	39	710482	0.7337
4389	REIFENBERGER, G	22	710275	0.7335
4390	JOHNSON, D	60	710246	0.7335
4391	GE, L	76	710064	0.7333
4392	SMITH, M	103	709567	0.7328
4393	GNIRKE, A	23	708574	0.7317
4394	DING, J	381	708418	0.7316
4395	OLASO, R	35	708313	0.7315
4396	LIU, YF	638	707971	0.7311
4397	IVANOV, A	22	707417	0.7305
4398	ZHANG, HB	350	706906	0.7300
4399	SARKAR, A	121	706656	0.7298
4400	RÄIKKÖNEN, K	26	705875	0.7289
4401	LU, SY	136	705776	0.7288
4402	POMBO, A	22	705615	0.7287
4403	WALTERS, RG	35	705158	0.7282
4404	SIMMONS, A	29	704487	0.7275
4405	WU, CL	196	703463	0.7265
4406	HUANG, WP	23	703327	0.7263
4407	QI, LS	74	703293	0.7263
4408	GIL, J	55	703182	0.7262
4409	BEESELEY, J	40	703019	0.7260
4410	MA, RCW	20	702750	0.7257
4411	COOKSON, MR	32	702427	0.7254
4412	LIGON, KL	48	702057	0.7250
4413	ALFREDSSON, L	27	701791	0.7247
4414	SCHERER, SW	142	700984	0.7239
4415	CARRACEDO, A	118	700539	0.7234

4416	ULAS, T	25	699565	0.7224
4417	MAO, C	42	699451	0.7223
4418	ABURATANI, H	70	699420	0.7223
4419	CHENG, CY	170	699383	0.7222
4420	RAY, P	37	699122	0.7220
4421	PENG, Y	525	699112	0.7220
4422	COLEMAN, JRI	27	698906	0.7218
4423	WU, JF	131	698268	0.7211
4424	KIM, BJ	171	697351	0.7201
4425	BENYAMIN, B	23	696348	0.7191
4426	SHIMIZU, S	71	695054	0.7178
4427	SWARBRECK, D	21	694858	0.7176
4428	MEHRA, R	26	694705	0.7174
4429	BOU, G	24	694267	0.7170
4430	BRESSLER, J	26	694038	0.7167
4431	WANG, HG	109	693934	0.7166
4432	MADL, T	29	693650	0.7163
4433	WARE, D	23	693558	0.7162
4434	CAO, Y	782	693457	0.7161
4435	DEMUTH, I	24	693267	0.7159
4436	GLOYN, AL	34	692717	0.7154
4437	KUNO, A	28	692705	0.7153
4438	FUKUDA, M	93	692477	0.7151
4439	KIM, YS	249	692108	0.7147
4440	WEISS, S	91	692099	0.7147
4441	XU, Q	573	691604	0.7142
4442	JIN, Y	573	691500	0.7141
4443	SAYKIN, AJ	31	691202	0.7138
4444	THOMPSON, DJ	26	690129	0.7127
4445	BARTZ, TM	47	690063	0.7126
4446	WANG, FX	91	689610	0.7122

4447	SUBRAMANIAM, M	22	689610	0.7122
4448	GUPTA, A	267	689000	0.7115
4449	WHEELER, E	41	688748	0.7113
4450	GAESTEL, M	29	688673	0.7112
4451	CAI, N	51	688601	0.7111
4452	YANG, ZH	289	688563	0.7111
4453	WEI, JB	40	688538	0.7110
4454	SONG, CJ	29	688385	0.7109
4455	GRAEBER, TG	39	688008	0.7105
4456	HUANG, SL	114	687856	0.7103
4457	ORKIN, SH	67	687286	0.7098
4458	WANG, XL	893	687148	0.7096
4459	ZHU, S	188	686954	0.7094
4460	RAMSEY, K	27	686101	0.7085
4461	SHAH, N	73	685709	0.7081
4462	DEWSON, G	34	684716	0.7071
4463	POLAND, J	34	684716	0.7071
4464	HUANG, C	575	684446	0.7068
4465	WANG, YT	491	684296	0.7067
4466	DOLEZEL, J	45	684247	0.7066
4467	BRESNICK, EH	29	684090	0.7065
4468	SUN, B	329	684046	0.7064
4469	KIM, YJ	376	684021	0.7064
4470	SHAH, S	105	682944	0.7053
4471	DE MUTSERT, R	38	682851	0.7052
4472	SCHREIBER, S	65	682788	0.7051
4473	GAUDET, MM	21	681470	0.7037
4474	ZHAO, S	444	681166	0.7034
4475	LIN, CS	89	681119	0.7034
4476	VISAKORPI, T	22	681102	0.7034
4477	ZHAO, Q	666	680705	0.7030

4478	ANDERSON, D	47	680410	0.7027
4479	MCGOWAN, SJ	25	680295	0.7025
4480	MARCUCCI, G	30	680125	0.7024
4481	KIM, SY	406	679886	0.7021
4482	SHI, L	581	679588	0.7018
4483	HEINRICH, J	28	679556	0.7018
4484	SAITO, T	195	679435	0.7016
4485	KIRSCHNER, MW	24	679394	0.7016
4486	LINDSKOG, C	22	679372	0.7016
4487	ALLENTOFT, ME	39	679015	0.7012
4488	CHO, WC	57	678960	0.7012
4489	PIENTA, KJ	35	678468	0.7006
4490	CHEN, XM	445	678281	0.7005
4491	SOUTHEY, MC	96	678199	0.7004
4492	COHEN, D	31	678122	0.7003
4493	LIU, CF	117	677760	0.6999
4494	TAKAHASHI, JS	32	677733	0.6999
4495	KIM, HY	141	677701	0.6999
4496	QIN, ZH	70	677612	0.6998
4497	BAKHOUM, SF	27	677520	0.6997
4498	UCHIYAMA, Y	77	676615	0.6987
4499	BELTRAN, S	33	676241	0.6983
4500	LIU, JL	468	676236	0.6983
4501	BELOW, JE	45	676151	0.6983
4502	PARK, WY	85	676149	0.6983
4503	YOUNG, KH	33	675671	0.6978
4504	NIE, Q	85	675414	0.6975
4505	MILNE, RL	72	675099	0.6972
4506	LONG, Q	71	674826	0.6969
4507	COX, J	39	674800	0.6969
4508	FUSCO, C	56	674756	0.6968

4509	SATO, T	361	674405	0.6964
4510	GAMBARO, G	21	674292	0.6963
4511	BIBI, S	30	673816	0.6958
4512	SCHIFFELS, S	35	673201	0.6952
4513	CHEN, HW	150	673183	0.6952
4514	PRAT, A	31	673095	0.6951
4515	CHO, SG	28	673029	0.6950
4516	JAIN, A	189	672434	0.6944
4517	HE, XH	167	671851	0.6938
4518	ASTER, JC	27	671815	0.6938
4519	MEYERS, DA	23	671519	0.6935
4520	DE CABO, R	61	670853	0.6928
4521	ROSEN, N	24	670318	0.6922
4522	WOOD, NW	24	670318	0.6922
4523	BAI, XY	76	669999	0.6919
4524	LI, GY	338	669280	0.6912
4525	HANNA, JH	39	669279	0.6912
4526	DOU, ZX	26	669112	0.6910
4527	TAATJES, DJ	29	668791	0.6907
4528	ZHANG, YM	537	668485	0.6903
4529	PANDOLFI, PP	62	667889	0.6897
4530	CHEN, HY	611	667878	0.6897
4531	CANOUIL, M	22	667824	0.6897
4532	SULMAN, EP	31	667520	0.6893
4533	JIN, SK	26	667518	0.6893
4534	CAREY, DJ	35	667389	0.6892
4535	MASSON, G	63	666933	0.6887
4536	CHUNG, W	28	665879	0.6876
4537	KIM, M	519	665600	0.6874
4538	SHELTON, JM	27	665523	0.6873
4539	CAI, L	263	665419	0.6872

4540	LIU, YC	445	665395	0.6871
4541	SMITH, MD	23	665026	0.6868
4542	HINNEY, A	22	665015	0.6868
4543	HESS, J	35	664892	0.6866
4544	YAN, J	440	664794	0.6865
4545	THORNER, J	27	664260	0.6860
4546	JENKINS, J	41	663811	0.6855
4547	JARVIK, GP	91	663643	0.6853
4548	QIU, Y	269	663408	0.6851
4549	LI, YX	834	663236	0.6849
4550	CHEN, CH	425	663087	0.6848
4551	LAIVUORI, H	23	662991	0.6847
4552	MACK, SC	33	662589	0.6842
4553	DU, LL	81	662400	0.6841
4554	GRIMWOOD, J	42	662025	0.6837
4555	REN, JS	22	661885	0.6835
4556	QUINTANA, FJ	26	661772	0.6834
4557	MITCHELL, BD	72	661626	0.6833
4558	ROSENDAAL, FR	30	661285	0.6829
4559	YE, MX	27	660194	0.6818
4560	HUANG, ZJ	118	660022	0.6816
4561	EDWARDS, TL	72	659936	0.6815
4562	HERNANDEZ, DG	22	659816	0.6814
4563	HORNUNG, V	34	659677	0.6812
4564	WEI, YQ	156	659664	0.6812
4565	DINGER, ME	50	659641	0.6812
4566	ISHIDA, H	43	659448	0.6810
4567	BARDELLI, A	38	659209	0.6808
4568	GUPTA, RK	62	659015	0.6806
4569	CAMP, JG	38	658695	0.6802
4570	MINNER, S	25	658695	0.6802

4571	LU, L	502	658480	0.6800
4572	PENG, JR	38	658182	0.6797
4573	MARTINEZ, ME	22	657750	0.6793
4574	HERLYN, M	63	657104	0.6786
4575	CHENG, HH	56	657069	0.6785
4576	HOU, W	64	656894	0.6784
4577	NADKARNI, GN	31	656722	0.6782
4578	NEUHAUSEN, SL	57	656476	0.6779
4579	VAN LEEUWEN, EM	22	655324	0.6767
4580	PAN, HM	50	655284	0.6767
4581	JOHN, S	35	655279	0.6767
4582	CAMPBELL, M	42	655225	0.6766
4583	OU, SJ	26	655079	0.6765
4584	YANG, WY	91	654402	0.6758
4585	RUTH, KS	29	653990	0.6754
4586	ADACHI, H	38	653932	0.6753
4587	ORDUREAU, A	29	653710	0.6751
4588	LI, HL	505	653685	0.6751
4589	KIM, JK	222	653333	0.6747
4590	SHANG, P	66	652625	0.6740
4591	LIU, YY	690	652515	0.6738
4592	MARTIN, C	58	652314	0.6736
4593	VAN MEURS, J	23	651851	0.6732
4594	WU, CC	191	651680	0.6730
4595	NAGAI, Y	48	651240	0.6725
4596	OKAZAKI, T	29	651011	0.6723
4597	GLASS, CK	39	650529	0.6718
4598	MOORE, AS	24	650414	0.6717
4599	RENNERT, G	46	650209	0.6715
4600	KLEIN, RJ	24	650091	0.6713
4601	ISMAIL, A	27	649278	0.6705

4602	SONG, J	484	648259	0.6694
4603	AHN, KS	31	648008	0.6692
4604	LI, CH	385	647747	0.6689
4605	HUANG, T	373	647074	0.6682
4606	KIM, SK	206	646982	0.6681
4607	PATTON, JG	24	646830	0.6680
4608	ZOU, L	187	646506	0.6676
4609	LAURIE, CC	46	646399	0.6675
4610	LAWLOR, DA	54	646167	0.6673
4611	WESTBROOK, TF	23	646137	0.6673
4612	JOHN, EM	57	645544	0.6666
4613	WANG, LS	247	645162	0.6663
4614	RELTON, CL	54	644634	0.6657
4615	ROBINSON, D	24	644540	0.6656
4616	GUO, C	262	644044	0.6651
4617	LI, XF	467	643834	0.6649
4618	TANAKA, H	223	643739	0.6648
4619	WU, DF	32	643256	0.6643
4620	SCHMITZ, RJ	65	643238	0.6643
4621	VASSILIOU, GS	33	643183	0.6642
4622	HOON, DSB	26	643077	0.6641
4623	WANG, XH	789	642749	0.6638
4624	CECCHERINI, I	27	642493	0.6635
4625	LI, YS	435	642473	0.6635
4626	ROOSE-GIRMA, M	24	642215	0.6632
4627	LETAI, A	40	641837	0.6628
4628	SASAKI, M	96	641734	0.6627
4629	GUPTA, S	397	640992	0.6619
4630	THIBODEAU, SN	41	640853	0.6618
4631	NAIR, S	79	640616	0.6616
4632	NGUYEN, HP	37	640205	0.6611

4633	WU, K	251	639809	0.6607
4634	STEINBERG, GR	23	639448	0.6603
4635	WANG, MH	234	639367	0.6603
4636	ELLIS, MJ	27	639093	0.6600
4637	OGAWA, M	80	639067	0.6600
4638	GELERNTER, J	64	638988	0.6599
4639	KOHANE, IS	25	638721	0.6596
4640	MA, ZY	162	638700	0.6596
4641	YU, X	452	638014	0.6589
4642	CHATTERJEE, S	165	637967	0.6588
4643	CHEN, T	625	637522	0.6584
4644	GE, T	54	637450	0.6583
4645	CHEN, WQ	167	637446	0.6583
4646	WATERHOUSE, RM	35	637045	0.6579
4647	CHEN, WJ	339	636795	0.6576
4648	DE CARVALHO, DD	29	636686	0.6575
4649	WANG, JH	822	636667	0.6575
4650	HUANG, X	701	636376	0.6572
4651	ZHOU, M	466	636168	0.6570
4652	NISHINO, I	47	635921	0.6567
4653	BASSEL-DUBY, R	51	635510	0.6563
4654	RAHMAN, N	42	635418	0.6562
4655	MURRAY, A	62	635319	0.6561
4656	MINUCCI, S	37	635233	0.6560
4657	NIELSEN, MM	26	634925	0.6557
4658	PREUSS, MH	28	634526	0.6553
4659	LEE, EA	42	634184	0.6549
4660	KUO, CJ	47	633838	0.6546
4661	LIU, XD	301	633833	0.6546
4662	JUST, AC	29	633152	0.6538
4663	BECKER, S	54	633113	0.6538

4664	MASCOLA, JR	43	632701	0.6534
4665	LI, JM	398	632299	0.6530
4666	LIU, JY	712	632296	0.6530
4667	SCADDEN, DT	47	632207	0.6529
4668	XIE, YC	82	631840	0.6525
4669	CHO, K	84	631596	0.6522
4670	ANAND, S	61	631398	0.6520
4671	WANG, YZ	673	631017	0.6516
4672	KLARIN, D	32	630862	0.6515
4673	GIORDANO, A	144	630857	0.6515
4674	JONAS, JB	37	630784	0.6514
4675	MENENDEZ, JA	41	630642	0.6513
4676	ARNETT, DK	86	630579	0.6512
4677	FRENETTE, PS	27	630494	0.6511
4678	PANDA, S	48	629292	0.6499
4679	WANG, WY	255	628569	0.6491
4680	HWANG, SJ	81	628291	0.6488
4681	KHAVARI, PA	31	627916	0.6484
4682	HALLDORSSON, BV	42	627580	0.6481
4683	TIAN, Y	700	627423	0.6479
4684	ADAMS, RH	83	627359	0.6479
4685	NOBLE, WS	54	627280	0.6478
4686	HUSSAIN, S	97	627040	0.6475
4687	CADE, BE	51	626802	0.6473
4688	GUO, J	640	626676	0.6472
4689	MOHAN, S	58	626490	0.6470
4690	RAITAKARI, O	34	625892	0.6464
4691	LARSON, EB	26	625875	0.6463
4692	LATHROP, M	39	624700	0.6451
4693	YANG, B	720	624517	0.6449
4694	MIGA, KH	38	623639	0.6440

4695	SINGH, S	572	623295	0.6437
4696	MORLEY, MP	38	623091	0.6435
4697	IRVIN, MR	69	622725	0.6431
4698	BRUNETTI-PIERRI, N	75	622714	0.6431
4699	RANDO, OJ	35	622571	0.6429
4700	HAN, F	198	622266	0.6426
4701	SHEN, C	242	622262	0.6426
4702	FUCHS, E	56	621847	0.6422
4703	SHEN, B	174	620774	0.6411
4704	JACKSON, RD	32	620225	0.6405
4705	LIN, J	496	619827	0.6401
4706	ZHENG, J	517	619346	0.6396
4707	DAI, WJ	29	619341	0.6396
4708	ZHAO, YX	292	619234	0.6395
4709	KRUG, K	24	618875	0.6391
4710	ULITSKY, I	47	618793	0.6390
4711	CHURCH, GM	52	618702	0.6389
4712	DU, J	559	618689	0.6389
4713	PAN, D	78	618541	0.6388
4714	LIU, XJ	548	618325	0.6385
4715	GUO, CJ	37	618026	0.6382
4716	PATEL, A	190	617145	0.6373
4717	LIN, H	431	616742	0.6369
4718	TSE, HF	41	616584	0.6367
4719	DUBOIS, C	34	615884	0.6360
4720	ASLIBEKYAN, S	38	615702	0.6358
4721	GONG, J	165	615625	0.6357
4722	NAM, DH	54	615471	0.6356
4723	FREI, O	26	615400	0.6355
4724	YIN, YM	36	615168	0.6353
4725	LIANG, L	270	614553	0.6346

4726	SHARMA, A	564	614481	0.6346
4727	XU, F	513	614466	0.6346
4728	JUAN, HF	34	614254	0.6343
4729	STEMMLER, MP	26	614145	0.6342
4730	CHOWDHURY, R	48	613798	0.6339
4731	SEIDMAN, JG	60	613657	0.6337
4732	PATEL, M	112	613469	0.6335
4733	CHEN, SD	112	613312	0.6334
4734	WILSON, PWF	34	613168	0.6332
4735	WU, X	636	613082	0.6331
4736	XU, XL	288	613062	0.6331
4737	ZHU, WH	58	613056	0.6331
4738	XU, RH	119	611901	0.6319
4739	SYVÄNEN, AC	24	611855	0.6319
4740	OLSSON, H	36	611284	0.6313
4741	MAK, TW	70	611032	0.6310
4742	JONES, RG	33	610909	0.6309
4743	NIEVERGELT, CM	25	610899	0.6309
4744	MATSUDA, F	62	610463	0.6304
4745	ANDERSON, P	44	610063	0.6300
4746	TANG, D	118	610000	0.6299
4747	GAO, L	663	609997	0.6299
4748	ROKHSAR, DS	29	609996	0.6299
4749	ESMAEILI, SA	32	609138	0.6290
4750	MEINDL, A	46	609066	0.6290
4751	KHAN, Z	53	608946	0.6289
4752	ZINK, F	35	608804	0.6287
4753	HUANG, Z	319	608637	0.6285
4754	WU, XH	300	608580	0.6285
4755	TAN, L	225	608127	0.6280
4756	PHAROAH, PDP	81	608040	0.6279

4757	GAO, GF	106	607261	0.6271
4758	VERSTREKEN, P	26	606802	0.6266
4759	ZHANG, ZH	698	606610	0.6264
4760	WARREN, AY	27	606605	0.6264
4761	ZHAO, HY	485	605798	0.6256
4762	GAULTON, KJ	47	605796	0.6256
4763	YOON, SY	47	605796	0.6256
4764	LESTER, J	29	605683	0.6255
4765	NAKAMURA, Y	278	605227	0.6250
4766	COX, H	25	604040	0.6238
4767	WU, F	411	603889	0.6236
4768	PAN, T	132	603733	0.6235
4769	BERGSTRÖM, A	29	603668	0.6234
4770	CHEN, JY	703	603492	0.6232
4771	XIAO, Y	607	603358	0.6231
4772	ZHANG, HX	356	602889	0.6226
4773	LIN, YS	132	602814	0.6225
4774	ZHOU, SF	34	602770	0.6225
4775	TAYLOR, JA	52	602625	0.6223
4776	KONG, DX	33	602231	0.6219
4777	SHILATIFARD, A	85	602081	0.6218
4778	YANG, Z	661	601970	0.6216
4779	GAUNT, TR	58	601789	0.6215
4780	FENG, D	82	601676	0.6213
4781	FLORES, R	26	601635	0.6213
4782	KOO, BK	43	601572	0.6212
4783	VINCENT, JB	38	601545	0.6212
4784	MUÑOZ-CÁNOVES, P	41	600991	0.6206
4785	XIA, WL	38	600786	0.6204
4786	WU, L	513	600386	0.6200
4787	KRISHNAMURTHY, S	24	600065	0.6197

4788	GARCIA, KC	39	599395	0.6190
4789	NAGATA, K	76	599155	0.6187
4790	HUGHES, TR	29	599025	0.6186
4791	KELLER, A	86	598921	0.6185
4792	YANG, XY	592	598699	0.6183
4793	GIROTTO, G	61	598680	0.6182
4794	JANG, SJ	24	598517	0.6181
4795	JAMAL-HANJANI, M	38	598510	0.6181
4796	WU, SP	39	598416	0.6180
4797	CORDON-CARDO, C	24	598207	0.6178
4798	ANTONIOU, AC	36	598050	0.6176
4799	TAKEUCHI, F	34	597984	0.6175
4800	ORR, N	27	597649	0.6172
4801	KUMAR, V	348	597606	0.6171
4802	WANG, JL	746	597526	0.6171
4803	ZHU, ZH	120	597121	0.6166
4804	SHAM, PC	75	596592	0.6161
4805	GUO, M	217	596278	0.6158
4806	DEAN, J	41	596197	0.6157
4807	ATKINSON, EG	25	595984	0.6155
4808	WANG, HJ	450	595959	0.6154
4809	HEIJMANS, BT	40	595360	0.6148
4810	TANAKA, M	258	595236	0.6147
4811	MERGHOUB, T	35	594878	0.6143
4812	ORLANDO, L	69	594733	0.6142
4813	PICH, O	27	594679	0.6141
4814	LU, YY	198	594199	0.6136
4815	AIFANTIS, I	46	594162	0.6136
4816	FAN, CH	30	594162	0.6136
4817	GUT, IG	26	594020	0.6134
4818	ARMSTRONG, NJ	28	593920	0.6133

4819	DENG, HJ	28	593920	0.6133
4820	BIROL, I	33	593615	0.6130
4821	CONCAS, MP	43	592854	0.6122
4822	GERMAIN, M	26	592826	0.6122
4823	CHEN, P	669	592492	0.6119
4824	CASAS, JP	24	592192	0.6115
4825	WHITE, J	38	592021	0.6114
4826	LIN, ZT	24	591884	0.6112
4827	LIM, DA	24	591268	0.6106
4828	GUPTA, R	184	591172	0.6105
4829	SEIDMAN, CE	67	591101	0.6104
4830	YANG, R	317	590781	0.6101
4831	BRENNAN, P	77	589952	0.6092
4832	SMITH, RD	30	589948	0.6092
4833	WANG, QS	150	589913	0.6092
4834	CHOI, J	374	589773	0.6091
4835	SU, ZL	45	589635	0.6089
4836	HANSSON, O	32	589432	0.6087
4837	FENG, H	226	589399	0.6087
4838	KIM, JC	55	589282	0.6085
4839	CASTELAO, JE	28	589274	0.6085
4840	MILLER, J	41	588458	0.6077
4841	HU, D	163	588363	0.6076
4842	AGARWAL, R	31	588150	0.6074
4843	MOMOZAWA, Y	75	587839	0.6071
4844	CHENEVIX-TRENCH, G	77	586985	0.6062
4845	SATO, Y	298	586705	0.6059
4846	ZAUGG, JB	24	586550	0.6057
4847	HOWE, K	42	586211	0.6054
4848	CHEN, ZS	166	586059	0.6052
4849	XIA, WY	36	585756	0.6049

4850	MARQUES-BONET, T	79	585652	0.6048
4851	ZHANG, ZB	195	584944	0.6041
4852	ZHANG, XM	600	584501	0.6036
4853	ROULEAU, GA	79	584284	0.6034
4854	JEONG, KJ	26	584082	0.6032
4855	CHEN, JK	131	583883	0.6030
4856	TONG, L	127	583826	0.6029
4857	ARNDT, V	36	583681	0.6028
4858	BARTEK, J	98	583484	0.6026
4859	HE, YY	164	582964	0.6020
4860	HALL, MN	36	582403	0.6014
4861	FENDT, SM	41	581782	0.6008
4862	ZHANG, DY	263	581449	0.6005
4863	YAMAMOTO, K	245	581088	0.6001
4864	ELLINGHAUS, D	27	581079	0.6001
4865	LEE, JS	447	580982	0.6000
4866	REILLY, MP	25	580949	0.5999
4867	NATHANSON, KL	59	580618	0.5996
4868	LAREAU, CA	34	580611	0.5996
4869	KHURI, FR	33	580565	0.5995
4870	LIM, E	61	580363	0.5993
4871	NIELSEN, J	75	580118	0.5991
4872	SIMON, R	49	580013	0.5990
4873	XU, E	27	579328	0.5983
4874	LUO, Y	689	579046	0.5980
4875	SAUTER, G	38	578840	0.5978
4876	MENG, LH	29	578519	0.5974
4877	GRAHAM, BS	25	578512	0.5974
4878	REHM, HL	87	578445	0.5974
4879	CROWLEY, JJ	26	578404	0.5973
4880	WANG, ZH	778	578103	0.5970

4881	ZHANG, XW	328	577232	0.5961
4882	ZHANG, YF	738	577011	0.5959
4883	ZHAO, YC	165	576931	0.5958
4884	SHOEMAKER, MB	28	576887	0.5957
4885	ESTELLER, M	112	576735	0.5956
4886	MORTAZAVI, A	35	576022	0.5949
4887	CIVELEK, M	32	575643	0.5945
4888	RUIZ, A	65	575299	0.5941
4889	LI, ZQ	422	575214	0.5940
4890	HUI, S	25	575171	0.5940
4891	WEI, W	511	574909	0.5937
4892	WANG, XF	611	574786	0.5936
4893	OSSOWSKI, S	41	574665	0.5934
4894	LIU, SW	151	574426	0.5932
4895	CHAVEZ, L	27	574357	0.5931
4896	BURGE, CB	30	574070	0.5928
4897	DENNIS, J	82	574060	0.5928
4898	CHANG, SS	25	573655	0.5924
4899	SCHMIDT, J	44	573640	0.5924
4900	ZHU, YH	198	573560	0.5923
4901	CHEN, JH	655	573172	0.5919
4902	MA, D	231	573064	0.5918
4903	FIRTH, HV	44	572732	0.5915
4904	TAYLOR, AM	32	572450	0.5912
4905	RAD, R	53	572232	0.5909
4906	PORUBSKY, D	38	571934	0.5906
4907	WEI, XW	109	571683	0.5904
4908	SORGER, PK	42	571205	0.5899
4909	WEN, ZX	34	570974	0.5896
4910	TZOULAKI, I	25	570931	0.5896
4911	ERIKSSON, J	37	569913	0.5885

4912	KULKARNI, A	67	569673	0.5883
4913	CHAI, JF	28	569442	0.5881
4914	BRABLETZ, T	34	569143	0.5877
4915	WEAVER, VM	45	568733	0.5873
4916	CUI, J	299	568674	0.5873
4917	YANG, JY	447	568349	0.5869
4918	TRUONG, T	55	568168	0.5867
4919	GONZALEZ, S	32	567917	0.5865
4920	WU, D	609	567583	0.5861
4921	SUN, HY	256	567455	0.5860
4922	NIU, H	32	567091	0.5856
4923	COHEN, O	27	566810	0.5853
4924	GHANBARI, M	68	566053	0.5846
4925	YU, FX	50	564772	0.5832
4926	DE WIT, E	46	564748	0.5832
4927	JOEHANES, R	56	564605	0.5831
4928	LANGMEAD, B	26	563596	0.5820
4929	BECK, S	83	563534	0.5820
4930	MILLWOOD, IY	29	563374	0.5818
4931	LONG, JR	64	563235	0.5816
4932	MEHTA, D	49	562697	0.5811
4933	COUCH, FJ	79	562477	0.5809
4934	ZHU, B	357	562407	0.5808
4935	CHEN, YB	259	562202	0.5806
4936	LEVANON, EY	38	561960	0.5803
4937	XU, C	613	561690	0.5801
4938	KIM, HS	518	561654	0.5800
4939	CHEN, HZ	119	561322	0.5797
4940	LEE, A	122	560774	0.5791
4941	WILSON, R	64	560451	0.5788
4942	UENO, T	77	560401	0.5787

4943	GRAFF, M	76	560388	0.5787
4944	PERRY, A	28	560063	0.5784
4945	KHAN, MM	33	559512	0.5778
4946	WANG, GH	203	559493	0.5778
4947	WIKLUND, F	28	558943	0.5772
4948	DAVIS, LK	34	558867	0.5771
4949	LONGAKER, MT	66	558837	0.5771
4950	QI, T	44	558667	0.5769
4951	SHU, SQ	25	558607	0.5769
4952	HE, G	68	558553	0.5768
4953	SCHOENFELDER, S	30	558408	0.5767
4954	SUN, HD	34	558091	0.5763
4955	ANGERS, S	45	558025	0.5763
4956	NAKANO, H	46	557919	0.5762
4957	LIU, YH	854	557821	0.5761
4958	WOLF, J	48	557494	0.5757
4959	IVANOV, P	31	557454	0.5757
4960	CHEN, ZJ	324	557232	0.5754
4961	SPANG, A	40	557220	0.5754
4962	MANOUKIAN, S	33	556924	0.5751
4963	WESSELS, LFA	40	556488	0.5747
4964	LIU, XY	1149	556094	0.5743
4965	MIRARAB, S	33	555632	0.5738
4966	HAN, JH	190	555304	0.5735
4967	ZENG, HK	31	555044	0.5732
4968	TREUTLEIN, B	49	554611	0.5727
4969	KANAI, T	41	554471	0.5726
4970	BRUMPTON, B	31	554228	0.5723
4971	BENHAMED, M	28	554139	0.5723
4972	WANG, LY	574	554071	0.5722
4973	CHEN, YD	197	554004	0.5721

4974	FASSAN, M	36	553794	0.5719
4975	BORKHARDT, A	31	553413	0.5715
4976	WILLIAMS, MA	26	553323	0.5714
4977	DAVIDSON, SM	27	553275	0.5714
4978	VALENCIA, A	51	553088	0.5712
4979	BAE, JS	49	552875	0.5709
4980	PEDERSEN, JS	41	552847	0.5709
4981	RADICE, P	56	552839	0.5709
4982	ZHANG, LL	655	552792	0.5709
4983	DENG, YZ	33	552753	0.5708
4984	GLENDON, G	27	552420	0.5705
4985	CAMPO, E	31	552083	0.5701
4986	XU, K	491	551971	0.5700
4987	BOJESEN, SE	58	551938	0.5700
4988	ANDRULIS, IL	70	551830	0.5699
4989	NYKTER, M	37	550965	0.5690
4990	YAMAJI, T	38	550572	0.5686
4991	LUO, GZ	31	550240	0.5682
4992	LEVINE, RL	48	550181	0.5682
4993	ALONSO, A	79	549887	0.5679
4994	SVEINBJORNSSON, G	51	549517	0.5675
4995	KIM, K	549	549223	0.5672
4996	HAJNÓCZKY, G	38	549119	0.5671
4997	CHANG, H	133	548653	0.5666
4998	JOHNSON, A	77	548516	0.5664
4999	PETO, J	41	548460	0.5664
5000	CHOQUET, H	27	547824	0.5657
5001	BHUTKAR, A	26	547538	0.5654
5002	YUAN, ZM	41	547313	0.5652
5003	YANG, SJ	159	546911	0.5648
5004	HART, T	44	546809	0.5647

5005	CHU, B	27	546717	0.5646
5006	JACOBS, J	28	546546	0.5644
5007	NI, M	81	545816	0.5637
5008	CHEN, MZ	42	545622	0.5635
5009	NOMURA, DK	29	545110	0.5629
5010	ZHENG, L	418	544785	0.5626
5011	JIANG, HC	47	544551	0.5624
5012	JAFFE, AE	28	544335	0.5621
5013	WEI, S	133	543384	0.5611
5014	COOPER, C	26	543181	0.5609
5015	VAN MEURS, JBJ	47	543039	0.5608
5016	LI, XH	691	542969	0.5607
5017	HAWKINS, C	32	542882	0.5606
5018	CHEN, BH	136	542332	0.5601
5019	BATRA, SK	82	542027	0.5597
5020	LU, Q	268	541723	0.5594
5021	VISEL, A	60	541709	0.5594
5022	MERICO, D	32	541565	0.5593
5023	SHI, H	245	541205	0.5589
5024	DUMMER, R	42	540846	0.5585
5025	LERMAN, LO	42	540846	0.5585
5026	HAN, S	287	540547	0.5582
5027	MATSUSHITA, T	32	540291	0.5580
5028	HOEIJMAKERS, JHJ	28	540143	0.5578
5029	WEN, B	70	540128	0.5578
5030	SOTOODEHNIA, N	53	540029	0.5577
5031	DING, C	154	539877	0.5575
5032	LI, A	279	539845	0.5575
5033	LEE, JC	118	539835	0.5575
5034	KIM, AR	46	539551	0.5572
5035	LOH, M	33	539399	0.5570

5036	KHAN, N	111	539269	0.5569
5037	ZHU, L	745	539103	0.5567
5038	ALVAREZ, I	29	538579	0.5562
5039	WU, XL	334	538452	0.5561
5040	LEE, SY	348	538055	0.5556
5041	NAKAMURA, T	257	537929	0.5555
5042	BROWN, JM	42	537433	0.5550
5043	WANG, CR	124	537223	0.5548
5044	PINELLO, L	46	537216	0.5548
5045	JU, HQ	34	536777	0.5543
5046	LIANG, Y	530	536612	0.5542
5047	BENITAH, SA	33	536308	0.5538
5048	SHEN, CC	38	535964	0.5535
5049	ROEDER, RG	58	535869	0.5534
5050	DAI, Q	86	535630	0.5531
5051	CHAN, DC	31	535405	0.5529
5052	ZHANG, LQ	249	535342	0.5528
5053	SINGH, SK	168	535315	0.5528
5054	DEISSEROTH, K	39	535258	0.5528
5055	KOH, Y	29	535034	0.5525
5056	HELGASON, A	50	534992	0.5525
5057	SHU, YQ	66	534809	0.5523
5058	HOONING, MJ	32	534578	0.5521
5059	KIM, JS	396	534494	0.5520
5060	CLEVELAND, DW	34	533735	0.5512
5061	BARR, RG	35	533471	0.5509
5062	DE CAMILLI, P	41	533298	0.5507
5063	MÜLLER, S	137	533099	0.5505
5064	ZHANG, JF	479	533026	0.5504
5065	SCHILLING, B	48	533012	0.5504
5066	TAYLOR, J	93	532636	0.5500

5067	ZHAO, M	555	532281	0.5497
5068	YANG, W	480	532234	0.5496
5069	LIU, LY	258	532069	0.5495
5070	LI, DQ	108	532040	0.5494
5071	YANG, MH	112	531993	0.5494
5072	PEIFER, M	55	531562	0.5489
5073	WYSOCKA, J	47	531487	0.5489
5074	PESHKIN, L	28	531302	0.5487
5075	LAURENT, LC	28	530756	0.5481
5076	LIU, XX	415	530387	0.5477
5077	HE, X	459	529626	0.5469
5078	LI, MY	560	529515	0.5468
5079	HANDA, H	34	528770	0.5461
5080	WEIGEL, D	68	528519	0.5458
5081	LOGSDON, GA	33	528473	0.5457
5082	QI, JX	60	528113	0.5454
5083	KIM, E	257	527842	0.5451
5084	WANG, JG	186	527594	0.5448
5085	WANG, QJ	150	527474	0.5447
5086	WU, GS	56	527467	0.5447
5087	SUHRE, K	51	527364	0.5446
5088	NARISU, N	40	527162	0.5444
5089	SUNG, J	41	527150	0.5444
5090	WANG, SJ	436	527148	0.5444
5091	LEE, JK	147	527064	0.5443
5092	GLADYSHEV, VN	100	526931	0.5442
5093	EVANS, RM	57	526847	0.5441
5094	WANG, TT	287	526258	0.5435
5095	YANG, P	364	526235	0.5434
5096	BENITEZ, J	53	526199	0.5434
5097	LALUEZA-FOX, C	33	525665	0.5428

5098	HOU, LF	78	525120	0.5423
5099	ERDMANN, R	35	525115	0.5423
5100	EASTON, J	39	524074	0.5412
5101	PENG, C	289	523445	0.5406
5102	MAYOR, R	53	523434	0.5405
5103	XIE, D	165	522616	0.5397
5104	AHMED, M	139	522191	0.5393
5105	LOPES, M	66	522078	0.5391
5106	YU, M	471	521954	0.5390
5107	YANG, JH	334	521875	0.5389
5108	LIU, ZX	294	521822	0.5389
5109	DOWNES, M	45	521661	0.5387
5110	SAGHATELIAN, A	33	520653	0.5377
5111	SUN, YC	104	520579	0.5376
5112	TURECKI, G	40	520547	0.5376
5113	YIN, J	300	518461	0.5354
5114	GROVE, ML	40	518018	0.5350
5115	LIN, WW	50	517755	0.5347
5116	ZHENG, SY	128	517623	0.5345
5117	ZHOU, GZ	31	516907	0.5338
5118	SHI, YH	185	516767	0.5337
5119	LI, JH	608	516684	0.5336
5120	HÄGG, S	33	516620	0.5335
5121	BRAUCH, H	41	516528	0.5334
5122	LI, ZJ	498	516102	0.5330
5123	LAZAR, MA	43	515886	0.5327
5124	YU, B	435	515727	0.5326
5125	IWASAKI, M	73	515585	0.5324
5126	LIU, FF	94	515462	0.5323
5127	SHAH, R	52	515016	0.5319
5128	WEN, YF	51	515011	0.5318

5129	LU, B	178	514782	0.5316
5130	WATANABE, Y	164	514508	0.5313
5131	CAO, XT	65	514309	0.5311
5132	LIU, JF	376	514133	0.5309
5133	KIM, SJ	418	514056	0.5309
5134	TANZI, RE	31	513801	0.5306
5135	FATIMA, A	39	513711	0.5305
5136	MERTINS, P	45	513687	0.5305
5137	CHENG, J	424	513474	0.5303
5138	OTT, M	64	513358	0.5301
5139	CHEN, XW	276	513214	0.5300
5140	SMITH, B	40	513023	0.5298
5141	JONES, M	87	512316	0.5291
5142	SU, XP	35	511939	0.5287
5143	XU, WR	73	511903	0.5286
5144	CUI, B	63	510650	0.5273
5145	HENDERS, AK	31	510457	0.5271
5146	JIN, P	122	510246	0.5269
5147	WU, P	323	510103	0.5268
5148	RAFNAR, T	50	510050	0.5267
5149	SMITH, T	35	510000	0.5267
5150	LIU, QT	71	509591	0.5262
5151	GUO, WJ	157	509336	0.5260
5152	YOUSEFI, B	97	508893	0.5255
5153	KADOWAKI, T	49	508787	0.5254
5154	PHILLIPS, JJ	37	508587	0.5252
5155	ZHANG, ZW	339	508447	0.5251
5156	HERRMANN, C	33	508396	0.5250
5157	XIE, XP	51	507982	0.5246
5158	PETERLONGO, P	49	507980	0.5246
5159	DAI, Y	261	507794	0.5244

5160	SCHMUTZLER, RK	52	507686	0.5243
5161	GREEN, AR	37	507438	0.5240
5162	LOPHATANANON, A	30	507247	0.5238
5163	VALENTE, EM	55	506880	0.5234
5164	PANDEY, A	183	506529	0.5231
5165	EDWARDS, D	38	506479	0.5230
5166	DONG, J	311	506393	0.5229
5167	GUDJONSSON, SA	37	505796	0.5223
5168	KIM, VN	38	505782	0.5223
5169	LIU, YJ	684	504927	0.5214
5170	NAJAFI, M	75	504649	0.5211
5171	KAESTNER, KH	52	504517	0.5210
5172	SANKARAN, VG	52	504517	0.5210
5173	SARKAR, S	155	504291	0.5208
5174	TOMLINSON, I	71	503984	0.5205
5175	ALLEN, M	33	503959	0.5204
5176	WU, YH	379	503557	0.5200
5177	XU, XY	391	503361	0.5198
5178	FELIX, JF	56	503145	0.5196
5179	ZHU, YS	78	502713	0.5191
5180	FOULKES, WD	43	502650	0.5191
5181	KRANZUSCH, PJ	35	502567	0.5190
5182	MURRAY, JC	65	502463	0.5189
5183	YOSHIDA, K	198	502390	0.5188
5184	DAVIDSON, S	33	501953	0.5184
5185	HAMADA, K	35	501830	0.5182
5186	ALTER, G	45	501811	0.5182
5187	MONTASSER, ME	30	501800	0.5182
5188	CHEN, WL	165	501518	0.5179
5189	SUGIMOTO, H	41	501415	0.5178
5190	RICE, KM	37	501378	0.5178

5191	HUENTELMAN, MJ	28	500894	0.5173
5192	CHENG, L	467	500344	0.5167
5193	GOLDBERG, MS	36	500325	0.5167
5194	PATEL, B	57	500251	0.5166
5195	ZENG, J	271	500140	0.5165
5196	SCHUMACHER, F	36	500080	0.5164
5197	WANG, YB	490	499957	0.5163
5198	WANG, TY	298	499509	0.5158
5199	HENDERSON, A	31	499509	0.5158
5200	LEE, YH	224	499493	0.5158
5201	CHEN, WM	105	498915	0.5152
5202	LIU, XQ	422	498785	0.5151
5203	LI, XM	558	498219	0.5145
5204	WANG, JW	555	497769	0.5140
5205	ZHAO, B	371	497519	0.5138
5206	ZHOU, A	29	497424	0.5137
5207	BASS, AJ	34	496573	0.5128
5208	LIU, JS	196	496256	0.5125
5209	SATO, K	247	496002	0.5122
5210	ZHAO, JJ	342	495709	0.5119
5211	TEO, YY	59	495497	0.5117
5212	KATO, N	58	495318	0.5115
5213	PUGH, TJ	41	495209	0.5114
5214	NEWTON, K	37	495110	0.5113
5215	XU, HW	116	494648	0.5108
5216	IZUMI, Y	51	494516	0.5107
5217	MARTIN, HC	43	494438	0.5106
5218	STROM, TM	103	494101	0.5103
5219	MUSUNURU, K	32	494018	0.5102
5220	GAZAL, S	39	493694	0.5098
5221	SHAH, SH	52	493331	0.5095

5222	YU, LH	52	493331	0.5095
5223	RACIMO, F	35	493038	0.5092
5224	THORNTON, TA	41	492587	0.5087
5225	HAMANN, U	54	491898	0.5080
5226	LAMMERDING, J	37	491870	0.5079
5227	BOLAND, A	87	491612	0.5077
5228	PREISSEL, S	38	491584	0.5077
5229	NEWMAN, WG	63	491556	0.5076
5230	LI, YZ	411	490959	0.5070
5231	SHAH, M	91	490940	0.5070
5232	FASCHING, PA	72	490737	0.5068
5233	SCHORK, AJ	33	490687	0.5067
5234	BENJAMIN, EJ	40	490623	0.5067
5235	SMITH, J	151	490399	0.5064
5236	SEDLAZECK, FJ	65	490069	0.5061
5237	GUT, M	65	489925	0.5059
5238	BONANNI, B	35	489721	0.5057
5239	MULLIGHAN, CG	31	489649	0.5057
5240	ZHANG, YX	754	489177	0.5052
5241	XU, G	139	487782	0.5037
5242	XU, ZH	235	487324	0.5033
5243	HANNON, E	47	487161	0.5031
5244	ZHANG, MQ	191	486678	0.5026
5245	WU, W	475	486368	0.5023
5246	CHEN, ZY	497	486248	0.5021
5247	CHEN, CJ	176	486180	0.5021
5248	LEE, E	214	486132	0.5020
5249	WILLIAMS, J	83	485495	0.5014
5250	ELLEDGE, SJ	61	485481	0.5014
5251	MA, H	297	485443	0.5013
5252	CHUNG, J	75	485295	0.5012

5253	ZHOU, DH	83	485215	0.5011
5254	HUANG, KC	61	485139	0.5010
5255	JONES, SE	34	484322	0.5002
5256	LUCIA, A	36	484175	0.5000
5257	ZHANG, XX	493	483986	0.4998
5258	GINGRAS, AC	102	483534	0.4993
5259	CHEN, YX	594	483100	0.4989
5260	CHIOU, SH	45	482983	0.4988
5261	GAO, P	332	482650	0.4984
5262	CHEN, JF	304	481820	0.4976
5263	YU, JF	48	481814	0.4976
5264	MEYER, J	34	481714	0.4975
5265	SUN, ZQ	103	481600	0.4973
5266	MUIR, K	39	481396	0.4971
5267	BAI, J	258	481068	0.4968
5268	WEI, WY	106	480950	0.4967
5269	ZHANG, ZG	280	480870	0.4966
5270	SIKORA, M	55	480726	0.4964
5271	WU, YC	188	480623	0.4963
5272	CHIU, CY	39	480519	0.4962
5273	SHIN, Y	79	480016	0.4957
5274	ZHONG, ZY	54	479979	0.4957
5275	CALIN, GA	84	479718	0.4954
5276	FERNIE, AR	32	478961	0.4946
5277	CURRAN, JE	64	478667	0.4943
5278	FENG, J	344	478634	0.4943
5279	WANG, QH	242	478586	0.4942
5280	PARK, JW	188	478272	0.4939
5281	MILL, J	61	478205	0.4938
5282	LANGFELD, CD	63	478060	0.4937
5283	WANG, PY	175	477970	0.4936

5284	WANG, JX	539	477969	0.4936
5285	LIU, ZJ	505	477887	0.4935
5286	YANG, JM	169	477589	0.4932
5287	JARVIS, ED	58	477565	0.4932
5288	IWASAKI, A	31	477413	0.4930
5289	CROSS, SS	30	477276	0.4929
5290	FENG, Y	621	476861	0.4924
5291	LI, LJ	374	476595	0.4922
5292	ZHAO, XN	55	476230	0.4918
5293	TANG, J	481	476021	0.4916
5294	WU, XY	560	475903	0.4915
5295	CHOI, JY	152	475799	0.4914
5296	LIU, YX	566	475668	0.4912
5297	WANG, JQ	427	475489	0.4910
5298	LIANG, LM	77	475209	0.4907
5299	SCHMIDT, MK	56	475103	0.4906
5300	EDGER, PP	32	474815	0.4903
5301	ANTON-CULVER, H	49	474533	0.4900
5302	KELLY, GL	31	474428	0.4899
5303	GEORGES, M	37	474040	0.4895
5304	ZHU, P	247	473589	0.4891
5305	SIMARD, J	53	473401	0.4889
5306	CHOI, EJ	55	473262	0.4887
5307	TANIGUCHI, H	69	473176	0.4886
5308	WANG, MQ	137	472740	0.4882
5309	HAN, J	411	472638	0.4881
5310	GAO, S	390	472581	0.4880
5311	WALSH, CA	72	472253	0.4877
5312	ZHANG, QY	357	471916	0.4873
5313	KOH, WP	32	471916	0.4873
5314	GUPTA, P	142	471783	0.4872

5315	TSCHÖP, MH	31	471690	0.4871
5316	YAMAUCHI, T	56	471606	0.4870
5317	GANESAN, S	58	471589	0.4870
5318	ZHANG, YQ	720	471547	0.4870
5319	NEVANLINNA, H	65	471165	0.4866
5320	ORAHILLY, S	35	470485	0.4859
5321	SHI, XL	171	470229	0.4856
5322	YANG, G	473	469900	0.4853
5323	BLENCOWE, BJ	52	469882	0.4852
5324	HU, JH	210	469784	0.4851
5325	SHEN, J	449	469609	0.4850
5326	MELBYE, M	37	468854	0.4842
5327	CHENG, C	324	468843	0.4842
5328	SHI, Q	265	468801	0.4841
5329	ZHOU, T	450	468625	0.4839
5330	KIM, ST	64	468051	0.4834
5331	LEE, JM	185	467898	0.4832
5332	CHEN, R	528	467895	0.4832
5333	SINGER, S	30	467763	0.4831
5334	HE, WT	52	467220	0.4825
5335	TARDIF, JC	36	466949	0.4822
5336	ZHANG, YH	895	466508	0.4818
5337	HILLEMANN, P	33	466130	0.4814
5338	SICINSKI, P	40	466128	0.4814
5339	LI, WJ	511	466107	0.4813
5340	ZHANG, LH	262	465894	0.4811
5341	ENG, C	116	465833	0.4811
5342	CHENG, W	146	465734	0.4810
5343	KARLAN, BY	43	465713	0.4809
5344	JUNG, J	189	465336	0.4805
5345	CLARK, SJ	51	465036	0.4802

5346	VAN DIJK, KW	31	464820	0.4800
5347	MARSCHALL, T	37	464559	0.4797
5348	CANZIAN, F	40	464403	0.4796
5349	XU, QY	99	464022	0.4792
5350	HUANG, AL	76	463936	0.4791
5351	ZHANG, HM	339	463781	0.4789
5352	LIAO, WT	44	463522	0.4787
5353	SUN, H	571	463447	0.4786
5354	SUZUKI, N	103	463047	0.4782
5355	SUZUKI, Y	368	462753	0.4779
5356	BAI, F	106	462144	0.4773
5357	LIU, XL	708	462123	0.4772
5358	WU, C	458	461949	0.4770
5359	VAN STEENSEL, B	38	461795	0.4769
5360	JOHNSON, N	60	461670	0.4768
5361	WEN, C	39	461596	0.4767
5362	LIU, HJ	287	461471	0.4766
5363	OLAFSSON, I	32	461271	0.4763
5364	QUAN, J	32	461271	0.4763
5365	HOPPER, JL	88	460988	0.4761
5366	MOOTHA, VK	40	460768	0.4758
5367	CHAKRAVARTY, P	38	460035	0.4751
5368	LAI, WY	37	459896	0.4749
5369	CARNINCI, P	76	459894	0.4749
5370	THOMAS, S	87	459692	0.4747
5371	ZHANG, JL	537	459675	0.4747
5372	GOLDGAR, DE	40	459674	0.4747
5373	CHEN, LY	348	459556	0.4746
5374	SUN, C	385	459515	0.4745
5375	BJÖRKEGREN, JLM	31	459447	0.4745
5376	PETERS, JM	60	459375	0.4744

5377	WARD, AB	57	459161	0.4742
5378	TANG, Y	519	458431	0.4734
5379	MAZZONE, M	42	458222	0.4732
5380	LI, CW	165	457947	0.4729
5381	GAO, JX	46	457416	0.4724
5382	LIU, JX	467	457001	0.4719
5383	YIN, HL	35	456926	0.4719
5384	JAKUBOWSKA, A	63	456883	0.4718
5385	ZHANG, JJ	698	456782	0.4717
5386	WRIGHT, CF	55	456744	0.4717
5387	LAMMING, DW	32	456500	0.4714
5388	LEE, SS	104	456463	0.4714
5389	WANG, CS	130	456403	0.4713
5390	SIMONS, BD	79	456168	0.4711
5391	FIGUEROA, J	38	456057	0.4710
5392	GAGO-DOMINGUEZ, M	32	456032	0.4709
5393	KOSSENKOV, AV	38	455864	0.4708
5394	YI, M	80	455084	0.4700
5395	YAO, Y	457	454888	0.4698
5396	SU, YX	48	454344	0.4692
5397	GUO, GJ	65	454282	0.4691
5398	BRADFIELD, JP	34	454269	0.4691
5399	SIMON, MC	34	454269	0.4691
5400	DI CROCE, L	43	453905	0.4687
5401	METALLO, CM	35	453732	0.4686
5402	JONSDOTTIR, I	59	453378	0.4682
5403	NGUYEN, A	76	453204	0.4680
5404	HUANG, XF	151	452810	0.4676
5405	CHEN, JW	274	452760	0.4676
5406	HU, HM	62	452714	0.4675
5407	LI, ZH	761	452630	0.4674

5408	LIU, GH	242	452420	0.4672
5409	MENG, Y	255	452369	0.4672
5410	XIAO, L	338	452239	0.4670
5411	ZHOU, XJ	167	452228	0.4670
5412	SAWYER, EJ	41	452216	0.4670
5413	CASANOVA, JL	68	452139	0.4669
5414	SADREYEV, RI	38	452137	0.4669
5415	SCOTT, C	38	452137	0.4669
5416	ZHANG, WJ	568	452065	0.4668
5417	MAEDA, T	95	451891	0.4667
5418	YAO, ZY	66	451706	0.4665
5419	DING, S	84	451578	0.4663
5420	CHEN, GQ	168	451475	0.4662
5421	ADAMEYKO, I	50	451440	0.4662
5422	LINDBLOM, A	55	451270	0.4660
5423	LIN, WY	108	451117	0.4659
5424	CHOUDHARY, C	36	450460	0.4652
5425	JACKSON, SP	53	450061	0.4648
5426	HE, CY	123	449911	0.4646
5427	MOCHIZUKI, N	43	449637	0.4643
5428	LEE, B	247	449508	0.4642
5429	DU, Y	380	449477	0.4642
5430	GIRI, A	43	449213	0.4639
5431	XIE, J	428	449087	0.4638
5432	KLUNGLAND, A	37	449012	0.4637
5433	LUO, X	362	448822	0.4635
5434	SHEN, SB	36	448217	0.4629
5435	NICOLAS, G	54	448072	0.4627
5436	YANG, XL	400	448063	0.4627
5437	YAN, B	226	447916	0.4626
5438	VAN DE PEER, Y	52	447712	0.4623

5439	TRACY, RP	38	447578	0.4622
5440	WENG, ZP	75	447451	0.4621
5441	BURWINKEL, B	48	447177	0.4618
5442	LIN, X	425	446983	0.4616
5443	HAAS, W	34	446674	0.4613
5444	AHMAD, S	166	446653	0.4613
5445	LEE, JW	255	446391	0.4610
5446	HUANG, KY	75	446390	0.4610
5447	PLON, SE	38	446268	0.4609
5448	SUN, JR	45	446029	0.4606
5449	TAKAHASHI, K	229	445934	0.4605
5450	NAKAGAWA, S	94	445864	0.4604
5451	LEVINE, M	32	445799	0.4604
5452	MAGNUSSON, OT	41	445754	0.4603
5453	KWONG, PD	54	445332	0.4599
5454	XIONG, YY	78	445216	0.4598
5455	GALLO, M	33	444741	0.4593
5456	LIANG, HY	68	444187	0.4587
5457	LEVINE, H	40	444177	0.4587
5458	JEON, JH	41	444067	0.4586
5459	SESTAN, N	38	443885	0.4584
5460	FUJIYAMA, A	40	443103	0.4576
5461	ZIOGAS, A	33	442895	0.4574
5462	XIAO, WH	65	442501	0.4570
5463	CZENE, K	60	442402	0.4569
5464	KIM, KW	72	442107	0.4566
5465	LARSSON, E	44	442014	0.4565
5466	SU, SC	60	441372	0.4558
5467	HUANG, YJ	262	441031	0.4554
5468	SUN, BB	39	440951	0.4554
5469	BLOMQUIST, C	34	440713	0.4551

5470	LIU, JB	251	440704	0.4551
5471	ZUBER, J	54	440630	0.4550
5472	QIAO, J	153	440223	0.4546
5473	ROUSSEAU, F	35	440150	0.4545
5474	BOLLA, MK	60	439967	0.4543
5475	YANG, PY	107	439529	0.4539
5476	GAO, D	100	439171	0.4535
5477	SCHÄFER, A	35	439040	0.4534
5478	GUÉNEL, P	44	439017	0.4534
5479	WEI, L	358	438815	0.4532
5480	WREN, JD	32	438736	0.4531
5481	ZHAO, WL	88	438638	0.4530
5482	SHI, JY	115	438620	0.4530
5483	SHOKHIREV, MN	33	438487	0.4528
5484	MA, XL	322	438446	0.4528
5485	HUMMER, G	37	438069	0.4524
5486	BRADLEY, A	36	438041	0.4524
5487	WEISS, ST	53	437817	0.4521
5488	GUTMANN, DH	34	437767	0.4521
5489	YAN, SM	37	437650	0.4520
5490	CHEN, QY	243	437265	0.4516
5491	GUO, X	449	437081	0.4514
5492	MISHRA, A	190	437012	0.4513
5493	ZHENG, LH	49	436928	0.4512
5494	YOON, H	61	436297	0.4506
5495	YAMAMOTO, S	179	436283	0.4505
5496	YANG, JL	247	436126	0.4504
5497	SMITH, JD	63	435999	0.4503
5498	LI, XX	575	435745	0.4500
5499	ZHENG, XX	61	435461	0.4497
5500	OH, SY	56	435433	0.4497

5501	ZHANG, HF	277	435287	0.4495
5502	SCHMID, M	74	435216	0.4494
5503	XU, B	491	435178	0.4494
5504	DICKEL, DE	36	435143	0.4494
5505	MO, YZ	35	434349	0.4485
5506	ARAKI, K	62	434132	0.4483
5507	CHEN, CS	199	433797	0.4480
5508	ZHANG, GC	52	433726	0.4479
5509	WANG, BM	34	433690	0.4479
5510	SCHWARTZ, S	55	433326	0.4475
5511	MULLIKIN, JC	41	433302	0.4475
5512	WAGNER, M	126	432967	0.4471
5513	SHEU, WHH	39	432924	0.4471
5514	JANG, C	46	432628	0.4468
5515	CECCARELLI, M	42	432508	0.4466
5516	WANG, CX	306	432170	0.4463
5517	SUN, YJ	232	432118	0.4462
5518	CHENG, X	342	431953	0.4461
5519	HU, M	224	431526	0.4456
5520	ZHAO, ZD	49	431476	0.4456
5521	KROGAN, NJ	88	431463	0.4456
5522	ZHENG, YF	180	431436	0.4455
5523	GERSBACH, CA	38	431233	0.4453
5524	NG, K	37	431152	0.4452
5525	KAWASAKI, K	48	431109	0.4452
5526	LI, XJ	597	431022	0.4451
5527	WANG, XB	317	430746	0.4448
5528	BHATTACHARYA, S	178	430385	0.4445
5529	ZHOU, JY	296	430146	0.4442
5530	OHTA, Y	43	430000	0.4441
5531	AOKI, H	52	429870	0.4439

5532	HARDISON, RC	42	428442	0.4424
5533	FANG, SY	48	428282	0.4423
5534	LU, ZM	111	428186	0.4422
5535	LIU, SY	656	427974	0.4420
5536	CAO, J	381	426809	0.4408
5537	BAI, H	160	426515	0.4405
5538	HUANG, SC	69	426381	0.4403
5539	HOLMES, EC	37	425981	0.4399
5540	MORRISEY, EE	54	425933	0.4399
5541	SASSONE-CORSI, P	35	425719	0.4396
5542	FISCHER, R	97	425592	0.4395
5543	SCHAID, DJ	53	425326	0.4392
5544	WANG, ZF	343	425196	0.4391
5545	JOHNSON, T	36	425117	0.4390
5546	CHEN, LS	88	425062	0.4390
5547	HUANG, K	355	424992	0.4389
5548	GEORGE, J	65	424867	0.4388
5549	GARCÍA-CLOSAS, M	50	424673	0.4386
5550	MANNING, AK	34	424500	0.4384
5551	WANG, CH	371	424306	0.4382
5552	TANG, L	366	424297	0.4382
5553	SHORTER, J	40	424133	0.4380
5554	ROTH, FP	46	424120	0.4380
5555	PARK, JI	81	423971	0.4378
5556	YU, T	352	423600	0.4374
5557	PAN, W	157	423519	0.4374
5558	ZHU, Q	381	423485	0.4373
5559	NICHOLS, J	59	423196	0.4370
5560	WANG, XM	577	423179	0.4370
5561	BOSSÉ, Y	52	422991	0.4368
5562	ZHANG, YC	425	422502	0.4363

5563	XU, ZX	120	422240	0.4360
5564	ZHANG, ZL	310	422136	0.4359
5565	MCPHERSON, A	35	421736	0.4355
5566	SUZUKI, A	188	421006	0.4348
5567	WANG, YS	454	420742	0.4345
5568	ZHAO, YH	316	420541	0.4343
5569	WU, G	257	420333	0.4341
5570	DAMRAUER, SM	53	420180	0.4339
5571	DEMEO, DL	50	420078	0.4338
5572	WANG, FD	67	420050	0.4338
5573	GRIGORIEV, IV	44	420012	0.4337
5574	LI, XN	173	419977	0.4337
5575	ZHONG, CQ	35	419752	0.4335
5576	DI FAGAGNA, FD	36	419455	0.4332
5577	YI, L	116	419407	0.4331
5578	MARGOLIN, S	41	419244	0.4329
5579	ISHIGAKI, K	41	419060	0.4328
5580	LI, SS	396	418534	0.4322
5581	JIANG, YJ	122	418483	0.4322
5582	LI, YC	473	418004	0.4317
5583	XU, T	462	417732	0.4314
5584	ZHAO, YM	205	417680	0.4313
5585	TEO, SH	57	417459	0.4311
5586	BEAUMONT, RN	44	416907	0.4305
5587	ANTONARAKIS, SE	64	416816	0.4304
5588	PARTON, RG	89	416609	0.4302
5589	KHAN, S	323	416556	0.4302
5590	SINGH, A	587	416516	0.4301
5591	RAO, P	36	416472	0.4301
5592	CHENG, Y	566	416319	0.4299
5593	PARKHILL, J	53	416248	0.4299

5594	XU, CY	144	416210	0.4298
5595	HEIKENWALDER, M	40	415936	0.4295
5596	EKICI, AB	74	415934	0.4295
5597	NIU, X	47	415839	0.4294
5598	KRISTENSEN, VN	52	415120	0.4287
5599	FANG, JY	94	415047	0.4286
5600	FUJIMOTO, A	39	414972	0.4285
5601	STEINMETZ, LM	55	414748	0.4283
5602	WANG, JM	451	414307	0.4278
5603	JIANG, S	349	414227	0.4278
5604	CHEN, RH	84	413840	0.4274
5605	WANG, SH	437	413795	0.4273
5606	HU, JL	112	413729	0.4273
5607	ZHOU, DM	55	413520	0.4270
5608	HUANG, HY	247	413396	0.4269
5609	LI, YP	347	413034	0.4265
5610	OFFIT, K	63	412347	0.4258
5611	PATEL, N	139	412078	0.4255
5612	ZIMMERMANN, M	50	412050	0.4255
5613	WANG, HX	326	411766	0.4252
5614	LEE, N	79	411700	0.4252
5615	QIN, CF	35	411270	0.4247
5616	KAWAGUCHI, T	52	410985	0.4244
5617	BECKER, A	47	410976	0.4244
5618	PENG, JX	49	410875	0.4243
5619	BOUTROS, M	66	410466	0.4239
5620	DING, Y	496	410290	0.4237
5621	ZHENG, H	349	409835	0.4232
5622	DEVILEE, P	62	409702	0.4231
5623	LIU, RY	124	409531	0.4229
5624	WANG, WQ	222	409485	0.4229

5625	ZERNICKA-GOETZ, M	68	409182	0.4226
5626	BICCIATO, S	44	408790	0.4222
5627	PENNACCHIO, LA	50	408789	0.4222
5628	LIU, XF	354	408779	0.4221
5629	LI, FQ	70	408587	0.4219
5630	WANG, CL	478	408460	0.4218
5631	YANG, ZF	102	408217	0.4216
5632	LUAN, J	63	408165	0.4215
5633	SHIMADA, K	67	408071	0.4214
5634	WAN, L	126	407788	0.4211
5635	PARK, S	683	407663	0.4210
5636	GHOSH, D	62	407408	0.4207
5637	PENG, XX	35	406950	0.4203
5638	YU, Q	370	406363	0.4196
5639	BLYTH, K	49	406310	0.4196
5640	CHEN, ZM	183	405775	0.4190
5641	JIN, J	359	405538	0.4188
5642	MUNSON, KM	41	405195	0.4184
5643	SOLTIS, PS	36	405120	0.4184
5644	HASEGAWA, T	101	404931	0.4182
5645	WINQVIST, R	46	404207	0.4174
5646	ZHANG, XT	212	403757	0.4170
5647	GUO, XY	279	403680	0.4169
5648	WOLF, A	43	403602	0.4168
5649	MEYER, C	77	403502	0.4167
5650	TANG, M	241	402971	0.4161
5651	CHEN, DS	84	402827	0.4160
5652	SUN, FL	45	402712	0.4159
5653	ANTEBI, A	36	402590	0.4157
5654	PUIG, S	43	402258	0.4154
5655	GILBERT, MTP	83	401825	0.4150

5656	ZHANG, XH	658	401735	0.4149
5657	VERMA, SS	41	401661	0.4148
5658	XIONG, Y	396	401502	0.4146
5659	LI, HJ	399	400973	0.4141
5660	CHO, JH	138	400908	0.4140
5661	CHANG, C	152	400657	0.4138
5662	GONZÁLEZ-NEIRA, A	38	400477	0.4136
5663	MATSUMOTO, N	259	400474	0.4136
5664	LI, LM	183	399946	0.4130
5665	YU, XF	191	399942	0.4130
5666	QIN, C	157	399795	0.4129
5667	LI, SL	355	399581	0.4126
5668	ZOU, YL	58	399562	0.4126
5669	SU, HX	38	399238	0.4123
5670	WANG, JB	307	399220	0.4123
5671	KIM, SH	565	399099	0.4121
5672	XU, CS	125	399060	0.4121
5673	ZHAO, C	446	398776	0.4118
5674	LIU, DL	120	398385	0.4114
5675	WU, XW	199	397963	0.4110
5676	YU, XJ	221	397909	0.4109
5677	SHEN, YF	125	397874	0.4109
5678	WU, S	474	397476	0.4105
5679	ZHOU, YB	100	396900	0.4099
5680	WU, ZL	85	396734	0.4097
5681	WU, SY	283	396459	0.4094
5682	LIU, ZQ	373	396351	0.4093
5683	HONDA, K	47	396338	0.4093
5684	XU, S	324	396210	0.4092
5685	ZHANG, ZJ	385	395936	0.4089
5686	HIVERT, MF	47	395227	0.4081

5687	SHENG, X	61	395206	0.4081
5688	CHUNG, WK	183	395181	0.4081
5689	LEI, JL	41	395134	0.4080
5690	PASTINEN, T	60	395119	0.4080
5691	NISHIMURA, M	46	395052	0.4080
5692	MELNICK, A	37	394992	0.4079
5693	STEWART, A	52	394964	0.4079
5694	DE VRIES, PS	48	394951	0.4079
5695	LEE, BH	145	394666	0.4076
5696	XIE, XS	56	394649	0.4075
5697	KATSANIS, N	78	394503	0.4074
5698	HUANG, F	266	394458	0.4074
5699	MA, JJ	173	394415	0.4073
5700	YAMAGUCHI, H	61	394411	0.4073
5701	LEE, JT	71	394285	0.4072
5702	LUO, Z	123	393923	0.4068
5703	HUANG, WJ	208	393809	0.4067
5704	ZHANG, CY	528	393756	0.4066
5705	SHAN, B	56	393629	0.4065
5706	LIN, CF	46	393588	0.4065
5707	WANG, SS	461	393564	0.4064
5708	BERGER, B	41	392574	0.4054
5709	BEGEMANN, M	43	392437	0.4053
5710	LI, YF	694	392370	0.4052
5711	MARIS, JM	36	391863	0.4047
5712	LIN, MX	37	391702	0.4045
5713	WEI, Y	352	391680	0.4045
5714	WANG, ZX	534	391631	0.4044
5715	LEVESQUE, MP	44	391605	0.4044
5716	VOGEL, H	49	391351	0.4041
5717	SCHNEIDER, A	134	391304	0.4041

5718	HSU, CY	51	391265	0.4041
5719	NOVAK, M	38	391090	0.4039
5720	WANG, LL	696	390884	0.4037
5721	WILSON, JM	72	390872	0.4036
5722	XIAO, W	173	390839	0.4036
5723	ZHANG, HJ	383	390754	0.4035
5724	ZHANG, SJ	395	390485	0.4032
5725	HUSSAIN, M	67	390479	0.4032
5726	NIXON, C	49	390247	0.4030
5727	CHEN, CK	49	389540	0.4023
5728	YANG, K	443	389232	0.4020
5729	SAHA, S	166	389152	0.4019
5730	OSTRANDER, EA	68	389144	0.4019
5731	ZHU, JC	46	388772	0.4015
5732	LI, QQ	237	388760	0.4015
5733	KIM, CH	180	388722	0.4014
5734	XUE, W	112	388688	0.4014
5735	YU, JJ	183	388109	0.4008
5736	POLLARD, KS	63	387828	0.4005
5737	SHAO, ZM	110	387745	0.4004
5738	KENNEDY, BK	50	387728	0.4004
5739	JIANG, Q	284	387716	0.4004
5740	HEROLD, MJ	63	387523	0.4002
5741	LIU, SJ	353	387488	0.4002
5742	QIAN, H	163	387191	0.3998
5743	XIA, R	68	387185	0.3998
5744	QI, X	136	387108	0.3998
5745	LI, XT	236	387099	0.3998
5746	CHAN, S	39	387024	0.3997
5747	HU, R	149	386812	0.3995
5748	ZHANG, CL	401	386604	0.3992

5749	TONG, P	40	386516	0.3992
5750	LIAO, LJ	52	386479	0.3991
5751	DUAN, Q	50	386145	0.3988
5752	VASAN, RS	82	386125	0.3987
5753	XU, YY	309	386093	0.3987
5754	BOHR, VA	57	386069	0.3987
5755	PENG, J	330	385981	0.3986
5756	MISCHEL, PS	43	385971	0.3986
5757	WANG, HC	257	385950	0.3986
5758	QIU, J	130	385452	0.3981
5759	LINDER, S	39	385197	0.3978
5760	HOU, R	62	384889	0.3975
5761	GHOSH, S	382	384536	0.3971
5762	XIAO, X	354	384395	0.3970
5763	COOPER, A	49	384218	0.3968
5764	GONZALEZ, FJ	37	384125	0.3967
5765	KIM, YK	173	384075	0.3966
5766	LIU, WC	59	383861	0.3964
5767	OGAWA, S	89	383717	0.3963
5768	NGUYEN, TN	37	383518	0.3961
5769	KIM, W	241	383502	0.3960
5770	MILLER, N	45	383456	0.3960
5771	LEHNER, B	41	383455	0.3960
5772	XU, JZ	124	382933	0.3955
5773	AUNG, T	37	382912	0.3954
5774	METSPALU, M	65	382476	0.3950
5775	LU, YJ	221	382429	0.3949
5776	WENG, LC	37	382091	0.3946
5777	XIE, MY	63	381903	0.3944
5778	MILLER, S	49	381768	0.3942
5779	MACKEY, DA	62	381581	0.3941

5780	SINGH, T	61	381482	0.3940
5781	SURAKKA, I	39	380638	0.3931
5782	JUNG, M	101	380495	0.3929
5783	LEE, YJ	241	380375	0.3928
5784	SUN, T	320	380239	0.3927
5785	CHENG, D	80	379901	0.3923
5786	SU, T	125	379474	0.3919
5787	DAVIS, A	43	379209	0.3916
5788	TAN, YJ	66	379102	0.3915
5789	CUI, Y	372	378494	0.3909
5790	CAI, QY	77	378400	0.3908
5791	CONRAD, DF	44	378338	0.3907
5792	BRAUN, T	114	378325	0.3907
5793	HU, ZC	39	378300	0.3907
5794	KLEIN, C	110	377982	0.3903
5795	QIAN, Y	198	377962	0.3903
5796	HE, YP	59	377902	0.3903
5797	DUGGIRALA, R	41	377856	0.3902
5798	LEE, P	61	377839	0.3902
5799	ZOU, YX	68	377542	0.3899
5800	CAO, CH	37	377437	0.3898
5801	HOEKZEMA, K	37	377224	0.3896
5802	ZHANG, WQ	207	377035	0.3894
5803	WANG, ZQ	492	377002	0.3893
5804	GUO, H	443	376747	0.3891
5805	YANG, D	382	376674	0.3890
5806	WU, HZ	75	376497	0.3888
5807	SHI, QH	87	376213	0.3885
5808	ZHAO, ZY	253	376191	0.3885
5809	TANG, HB	51	375981	0.3883
5810	QIN, Y	339	375711	0.3880

5811	CHOWDHURY, S	101	375698	0.3880
5812	CAI, H	211	375444	0.3877
5813	CHEN, JX	354	375041	0.3873
5814	LIAO, QJ	61	374861	0.3871
5815	SHIN, J	176	374830	0.3871
5816	HAUCKE, V	48	374692	0.3869
5817	WARE, EB	38	374621	0.3869
5818	WEN, L	144	374420	0.3867
5819	SONG, W	271	374413	0.3867
5820	XING, Y	153	374264	0.3865
5821	WANG, WJ	561	374054	0.3863
5822	XU, CJ	120	374005	0.3862
5823	LEE, YS	288	373671	0.3859
5824	ALBANES, D	52	373493	0.3857
5825	LU, SM	69	373441	0.3856
5826	ZHU, WF	38	373423	0.3856
5827	LUO, MC	48	373135	0.3853
5828	ZHAO, N	286	373120	0.3853
5829	HU, XH	121	372983	0.3852
5830	LIU, JQ	377	372903	0.3851
5831	YANG, JJ	339	372785	0.3850
5832	KIM, HN	54	372351	0.3845
5833	QIU, YJ	53	372284	0.3845
5834	ITO, K	214	372089	0.3843
5835	YANG, HT	111	372001	0.3842
5836	HU, YQ	155	371682	0.3838
5837	TAYLOR, S	72	371680	0.3838
5838	YAMAMOTO, T	404	371420	0.3836
5839	JIANG, J	462	371272	0.3834
5840	CHAO, J	38	371069	0.3832
5841	SATO, M	221	370080	0.3822

5842	KIM, KM	127	369788	0.3819
5843	STADLER, MB	40	369581	0.3817
5844	BAO, LL	38	369492	0.3816
5845	LUO, M	257	369357	0.3814
5846	MIN, JX	38	369281	0.3814
5847	RAHMAN, A	63	369076	0.3811
5848	PEI, G	38	369070	0.3811
5849	BUCKLER, ES	55	369005	0.3811
5850	ARMSTRONG, SA	44	368763	0.3808
5851	WONG, CCL	47	368717	0.3808
5852	RODEN, DM	69	368716	0.3808
5853	NGUYEN, T	197	368662	0.3807
5854	SUN, W	463	368423	0.3805
5855	PATEL, DJ	53	368284	0.3803
5856	SUN, GQ	44	368207	0.3802
5857	DONG, LL	68	368071	0.3801
5858	HAYASHI, S	120	368055	0.3801
5859	YOSHIDA, M	146	367916	0.3799
5860	GRANT, SFA	62	367895	0.3799
5861	SUN, XY	340	367809	0.3798
5862	JI, Y	189	367402	0.3794
5863	YU, JT	85	367355	0.3794
5864	PIEL, M	51	367103	0.3791
5865	GUO, Q	287	366969	0.3790
5866	CHEN, YL	618	366789	0.3788
5867	ZHANG, GJ	262	366655	0.3786
5868	JIANG, XY	227	366653	0.3786
5869	HAN, X	446	366632	0.3786
5870	HADJANTONAKIS, AK	48	365916	0.3779
5871	WEBER, A	100	365904	0.3779
5872	HIROSE, T	63	365884	0.3778

5873	GOROSPE, M	107	365667	0.3776
5874	LIAO, YL	92	365511	0.3775
5875	CHOI, JE	43	365441	0.3774
5876	LETTRE, G	47	365205	0.3771
5877	TSUNODA, T	75	364688	0.3766
5878	RUSTGI, AK	56	364683	0.3766
5879	XU, YF	274	364654	0.3766
5880	SHEN, K	105	364538	0.3765
5881	ZHAO, XY	553	364437	0.3763
5882	SRIVASTAVA, D	58	364187	0.3761
5883	FU, J	231	364089	0.3760
5884	LIU, WJ	358	364056	0.3760
5885	AMIN, S	49	363938	0.3758
5886	GU, Y	375	363832	0.3757
5887	CHEN, JS	235	363317	0.3752
5888	RYU, D	46	362748	0.3746
5889	KUMAR, P	313	362662	0.3745
5890	HENIKOFF, S	59	362554	0.3744
5891	CROCE, CM	73	362202	0.3740
5892	SHI, W	267	362186	0.3740
5893	SMITH, C	125	362047	0.3739
5894	ZOU, XQ	43	361914	0.3737
5895	SHARMA, K	101	361793	0.3736
5896	SAGE, J	46	361685	0.3735
5897	ZHU, W	292	361439	0.3733
5898	FREEDMAN, BI	47	361329	0.3731
5899	LI, SY	538	361237	0.3730
5900	CONG, L	46	361174	0.3730
5901	HUANG, SY	219	360975	0.3728
5902	ZHANG, TH	76	360882	0.3727
5903	CHEN, SY	719	360752	0.3725

5904	SETHI, G	64	360588	0.3724
5905	ZHANG, YP	471	360327	0.3721
5906	TAN, SY	67	360270	0.3720
5907	CHUNG, H	58	360241	0.3720
5908	YE, CJ	65	359970	0.3717
5909	YAO, HH	46	359944	0.3717
5910	FEI, ZJ	46	359733	0.3715
5911	SUN, YV	45	359656	0.3714
5912	BRÜNING, JC	42	359363	0.3711
5913	XU, P	516	359300	0.3710
5914	GUT, I	40	359103	0.3708
5915	JIN, C	116	359101	0.3708
5916	SUN, N	174	358954	0.3707
5917	MOHAMMADI, A	106	358916	0.3706
5918	LI, YQ	774	358797	0.3705
5919	BAKER, D	65	358331	0.3700
5920	CHO, H	144	358238	0.3699
5921	HONG, J	185	358035	0.3697
5922	WANG, GC	67	357922	0.3696
5923	WANG, WM	181	357814	0.3695
5924	ROGERS, J	45	357710	0.3694
5925	FU, XD	96	357694	0.3694
5926	XIANG, B	83	357487	0.3692
5927	COWLEY, MJ	44	357286	0.3690
5928	JI, J	180	356783	0.3684
5929	JUNG, HS	62	356723	0.3684
5930	SHRESTHA, R	56	356164	0.3678
5931	VAKOC, CR	50	355830	0.3675
5932	LU, XY	268	355666	0.3673
5933	SCHROEDER, T	44	355515	0.3671
5934	CHO, S	180	355476	0.3671

5935	HIGHLAND, HM	41	354778	0.3664
5936	MOHAMMED, S	61	354762	0.3664
5937	GE, K	56	354733	0.3663
5938	DÖRK, T	72	354620	0.3662
5939	PARK, SH	338	354573	0.3662
5940	HAO, YJ	68	354381	0.3660
5941	XIE, M	187	354334	0.3659
5942	HUANG, XX	220	354308	0.3659
5943	CHEN, SJ	326	354122	0.3657
5944	FONTANA, L	41	354063	0.3656
5945	NGUYEN, L	99	354016	0.3656
5946	SUN, WJ	176	353832	0.3654
5947	LI, ZG	245	353818	0.3654
5948	MA, T	222	353563	0.3651
5949	CHEN, LJ	304	353447	0.3650
5950	WANG, CC	337	353331	0.3649
5951	PLATH, K	46	352900	0.3644
5952	ZHANG, LS	201	352504	0.3640
5953	QIN, J	267	352195	0.3637
5954	CHEN, CC	229	351859	0.3634
5955	LUPSKI, JR	210	351834	0.3633
5956	PALTA, P	54	351691	0.3632
5957	SONENBERG, N	67	351212	0.3627
5958	LIU, WB	127	351129	0.3626
5959	XIAO, Q	153	351059	0.3625
5960	LIANG, J	309	350884	0.3624
5961	MURAKAMI, Y	153	350721	0.3622
5962	PERRIMON, N	126	350577	0.3620
5963	PEI, DQ	86	350482	0.3619
5964	LU, JH	160	350270	0.3617
5965	LIU, G	484	350000	0.3614

5966	ENGEL, C	51	349999	0.3614
5967	PATEL, S	206	349873	0.3613
5968	MICHAILIDOU, K	70	349604	0.3610
5969	ZHAO, XF	107	349591	0.3610
5970	SHI, M	224	349536	0.3610
5971	WANG, HB	503	349481	0.3609
5972	SILVERMAN, EK	87	349240	0.3607
5973	LI, SQ	328	349206	0.3606
5974	WU, XF	170	349145	0.3606
5975	SUN, LL	166	349086	0.3605
5976	LEVY, M	52	348354	0.3597
5977	JUNG, H	116	348072	0.3594
5978	BRUNNER, HG	90	347959	0.3593
5979	PAN, J	229	347228	0.3586
5980	WU, SM	86	346892	0.3582
5981	LIU, YS	319	346101	0.3574
5982	GAO, CX	72	346095	0.3574
5983	LEONHARDT, H	49	346077	0.3574
5984	ZHAO, D	243	345909	0.3572
5985	QU, LH	43	345768	0.3571
5986	MEI, HL	50	345613	0.3569
5987	HEGDE, RS	41	345535	0.3568
5988	BOULTON, SJ	55	344995	0.3563
5989	CHAN, A	47	344867	0.3561
5990	CHEN, YW	235	344700	0.3560
5991	ZENG, Y	405	344644	0.3559
5992	LU, SJ	61	344609	0.3559
5993	KLEIN, S	72	344586	0.3558
5994	YUAN, Q	182	344390	0.3556
5995	ZENG, M	94	343711	0.3549
5996	HUANG, SQ	91	343628	0.3549

5997	HARA, T	81	343508	0.3547
5998	LU, XF	86	343492	0.3547
5999	VAN SETTEN, J	46	343480	0.3547
6000	HE, XL	189	343470	0.3547
6001	LI, XR	318	343387	0.3546
6002	ZHU, K	132	343332	0.3546
6003	YAMAZAKI, T	84	343186	0.3544
6004	EILERS, M	47	343167	0.3544
6005	DONG, S	64	342822	0.3540
6006	SCHNEIDER, R	63	342763	0.3540
6007	HIRANO, S	42	342712	0.3539
6008	WEI, YJ	82	342710	0.3539
6009	VIJG, J	53	342419	0.3536
6010	XIE, N	107	342418	0.3536
6011	BIAN, XW	68	341928	0.3531
6012	RODRIGUEZ, A	54	341624	0.3528
6013	ZHU, XH	154	340758	0.3519
6014	BRONSON, RT	46	340546	0.3517
6015	ZHOU, ZM	103	340515	0.3516
6016	JOHNSON, C	66	340260	0.3514
6017	WEISS, WA	41	339890	0.3510
6018	ZHOU, YF	347	339311	0.3504
6019	ESTEBAN, MA	53	339200	0.3503
6020	DAI, X	78	339129	0.3502
6021	JOLLY, MK	66	338833	0.3499
6022	ERIKSSON, M	47	338711	0.3498
6023	YAO, B	115	338466	0.3495
6024	ZHOU, F	298	338248	0.3493
6025	HUA, Y	72	338245	0.3493
6026	ZHANG, SS	272	338179	0.3492
6027	WANG, PC	97	338122	0.3492

6028	MURPHY, L	42	338027	0.3491
6029	GU, XY	120	337950	0.3490
6030	STAINIER, DYP	108	337817	0.3489
6031	SMITH, JG	44	337572	0.3486
6032	WEIRAUCH, MT	64	337419	0.3484
6033	MINNA, JD	45	337151	0.3482
6034	LIANG, TB	77	337136	0.3482
6035	WANG, LM	289	337026	0.3480
6036	JAMES, DE	46	336968	0.3480
6037	WANG, LJ	543	336908	0.3479
6038	KANG, H	158	336691	0.3477
6039	WANG, YD	395	336126	0.3471
6040	FANG, J	283	336054	0.3470
6041	FU, X	193	335766	0.3467
6042	DU, P	97	335627	0.3466
6043	XIONG, F	132	335596	0.3466
6044	YANG, YP	243	335518	0.3465
6045	BECK, M	63	335443	0.3464
6046	LAN, L	73	335375	0.3463
6047	ZHENG, YH	124	335180	0.3461
6048	ROUX, A	42	334838	0.3458
6049	SHIN, SJ	44	334789	0.3457
6050	GAO, WQ	76	334486	0.3454
6051	ZHU, F	251	334047	0.3450
6052	XIA, HM	66	333719	0.3446
6053	GAO, W	239	333625	0.3445
6054	ZHANG, JB	274	333548	0.3445
6055	MISTELI, T	42	333211	0.3441
6056	LIANG, C	266	332961	0.3438
6057	LIN, F	230	332812	0.3437
6058	SHEN, M	143	332808	0.3437

6059	TONG, W	52	332311	0.3432
6060	CHEN, HH	172	332099	0.3430
6061	HELLENTHAL, G	43	331935	0.3428
6062	PENG, L	243	331811	0.3427
6063	YIN, H	244	331192	0.3420
6064	COHEN, M	50	331135	0.3420
6065	FUJII, M	65	330921	0.3417
6066	SONG, XX	59	330820	0.3416
6067	SOGA, T	61	330509	0.3413
6068	XIE, L	325	330277	0.3411
6069	WOLFRUM, C	45	330258	0.3411
6070	CHOI, SW	87	330230	0.3410
6071	YANEK, LR	66	330168	0.3410
6072	LANGER, T	57	330002	0.3408
6073	WU, T	389	329642	0.3404
6074	LIANG, X	290	329549	0.3403
6075	JACOBSEN, SE	65	329514	0.3403
6076	MURPHY, JM	73	329451	0.3402
6077	JIANG, YZ	172	329382	0.3401
6078	REINBERG, D	47	329276	0.3400
6079	JIA, L	180	329243	0.3400
6080	WU, B	384	328736	0.3395
6081	CHEN, JN	148	328451	0.3392
6082	WILLIAMS, A	102	328354	0.3391
6083	LI, JL	660	327930	0.3386
6084	ZHANG, YD	267	327834	0.3386
6085	CALIFANO, A	56	327564	0.3383
6086	HE, HH	89	327389	0.3381
6087	LU, HR	45	327343	0.3380
6088	KOMURO, I	43	327200	0.3379
6089	YE, Z	145	327133	0.3378

6090	WANG, XD	501	326835	0.3375
6091	VENDRUSCOLO, M	47	326766	0.3374
6092	SHAO, CS	68	326658	0.3373
6093	LIN, SY	210	326642	0.3373
6094	LIN, T	163	326569	0.3372
6095	AGARWAL, A	79	326299	0.3370
6096	PARK, JS	240	326226	0.3369
6097	HUANG, D	250	326127	0.3368
6098	CAI, WJ	54	325910	0.3366
6099	WANG, HF	380	325599	0.3362
6100	HE, Q	354	325485	0.3361
6101	WAGNER, J	48	325368	0.3360
6102	LI, GH	281	325231	0.3359
6103	ZHANG, CX	329	324986	0.3356
6104	CHEN, SH	310	324833	0.3355
6105	MICHEL, M	44	324740	0.3354
6106	UENO, M	63	324706	0.3353
6107	JOHNSON, J	141	324585	0.3352
6108	QIN, HY	54	324499	0.3351
6109	YANG, SH	220	323920	0.3345
6110	LIN, SB	59	323686	0.3343
6111	DONG, Y	442	323464	0.3340
6112	VOIGHT, BF	50	323369	0.3339
6113	COHEN, S	59	323245	0.3338
6114	RICE, CM	44	323175	0.3337
6115	HELIN, K	48	322752	0.3333
6116	LI, PL	148	322512	0.3331
6117	HUANG, YR	91	322247	0.3328
6118	HUANG, YF	253	322245	0.3328
6119	XU, JY	327	322218	0.3328
6120	SHEN, HY	112	322155	0.3327

6121	MA, HL	88	322102	0.3326
6122	CORTEZ, D	56	322092	0.3326
6123	ZHENG, M	195	322031	0.3326
6124	JIN, JJ	81	321717	0.3322
6125	HUANG, YH	385	321541	0.3321
6126	ZHOU, XY	439	321500	0.3320
6127	TANG, K	132	321466	0.3320
6128	LU, WJ	114	321414	0.3319
6129	PARK, K	184	321163	0.3317
6130	KAWAJI, H	44	321131	0.3316
6131	PELLETIER, J	48	321108	0.3316
6132	CAO, F	101	320801	0.3313
6133	SU, J	265	320532	0.3310
6134	LIN, CY	290	320467	0.3309
6135	ZHU, D	131	320337	0.3308
6136	YAN, X	211	320130	0.3306
6137	LIU, SL	367	319987	0.3304
6138	YU, HM	86	319779	0.3302
6139	GILISSEN, C	110	319686	0.3301
6140	HU, W	284	319502	0.3299
6141	XU, YQ	188	319414	0.3299
6142	ZHENG, S	146	319069	0.3295
6143	LANGE, C	76	319026	0.3295
6144	JUNG, I	58	318962	0.3294
6145	ZHANG, ZQ	297	318918	0.3293
6146	LI, HX	362	318912	0.3293
6147	WU, CY	334	318857	0.3293
6148	PARK, H	302	318759	0.3292
6149	SUN, K	262	318733	0.3292
6150	XIA, ZY	113	318600	0.3290
6151	RUAN, YJ	59	318216	0.3286

6152	POMMIER, Y	67	318157	0.3286
6153	IDEKER, T	58	317885	0.3283
6154	TAN, YF	52	317602	0.3280
6155	PARK, KS	117	317323	0.3277
6156	CASTORI, M	73	317045	0.3274
6157	CAO, H	219	316873	0.3272
6158	HE, M	308	316625	0.3270
6159	WANG, XN	187	316490	0.3268
6160	SUN, SY	205	316481	0.3268
6161	FAN, YH	98	316261	0.3266
6162	GORBUNOVA, V	64	315844	0.3262
6163	KIM, T	189	315839	0.3262
6164	ULE, J	48	315722	0.3260
6165	BIESECKER, LG	68	315646	0.3260
6166	LI, WY	354	315455	0.3258
6167	DE ANGELIS, MH	87	315267	0.3256
6168	WU, XJ	241	314939	0.3252
6169	SUN, XF	203	314684	0.3250
6170	HU, ZP	65	314046	0.3243
6171	HUANG, SW	89	313936	0.3242
6172	SUN, R	231	313545	0.3238
6173	LUO, YL	108	312968	0.3232
6174	YAN, Y	398	312898	0.3231
6175	BASSIK, MC	53	312852	0.3231
6176	WU, AH	61	312634	0.3229
6177	WANG, WW	245	312463	0.3227
6178	MA, XT	67	312381	0.3226
6179	GAO, YT	75	312325	0.3225
6180	ZHU, X	279	312316	0.3225
6181	LIU, HF	235	312194	0.3224
6182	CHEN, HX	177	311953	0.3221

6183	HU, XY	378	311561	0.3217
6184	LUPIEN, M	57	311383	0.3216
6185	KIM, HK	111	311187	0.3214
6186	TANG, XJ	97	310846	0.3210
6187	SHAPIRO, B	59	310788	0.3209
6188	CAI, Y	358	310715	0.3209
6189	WU, JC	276	310513	0.3207
6190	LEE, SB	96	310287	0.3204
6191	SUN, YH	332	310062	0.3202
6192	RENIERI, A	65	309896	0.3200
6193	ZHOU, YJ	274	309481	0.3196
6194	KONG, W	80	309234	0.3193
6195	XU, WW	88	309152	0.3193
6196	AHMAD, T	52	308622	0.3187
6197	ZHANG, LJ	402	308467	0.3185
6198	YUN, J	61	308361	0.3184
6199	SUN, Z	171	308145	0.3182
6200	WANG, ZL	424	308126	0.3182
6201	MA, YY	230	308099	0.3182
6202	CHEN, YC	453	308083	0.3182
6203	CHOI, JK	47	308053	0.3181
6204	WILSON, C	84	307846	0.3179
6205	GUO, W	388	307704	0.3178
6206	URLAUB, H	113	306987	0.3170
6207	NAVARRO, A	59	306871	0.3169
6208	LIU, ZP	196	306592	0.3166
6209	FENG, X	282	306555	0.3166
6210	WANG, JF	425	306439	0.3165
6211	MARTINEZ, A	65	306316	0.3163
6212	LEE, SE	107	306234	0.3162
6213	WEI, J	299	306176	0.3162

6214	SUN, HL	145	305735	0.3157
6215	VERMA, A	175	305652	0.3156
6216	LI, FJ	97	305628	0.3156
6217	YANG, T	489	305600	0.3156
6218	AN, JY	47	305313	0.3153
6219	XU, Z	362	305268	0.3152
6220	YAN, LY	73	305195	0.3152
6221	JIN, S	145	304969	0.3149
6222	VAN HEEMST, D	47	304806	0.3148
6223	MA, C	321	304680	0.3146
6224	MUKHOPADHYAY, S	88	304563	0.3145
6225	LIN, Z	176	304554	0.3145
6226	THOMPSON, A	54	304490	0.3144
6227	CHANG, CH	129	304451	0.3144
6228	ZHANG, SL	391	304389	0.3143
6229	HU, L	305	303956	0.3139
6230	SHI, XB	59	303832	0.3138
6231	FINKELSTEIN, D	46	303750	0.3137
6232	REN, YX	60	303739	0.3137
6233	BAI, Y	387	303572	0.3135
6234	KANG, S	159	303514	0.3134
6235	TANG, WW	61	302837	0.3127
6236	SHU, G	53	302502	0.3124
6237	SMITH, K	64	302231	0.3121
6238	ADAMS, M	53	302035	0.3119
6239	WANG, TC	111	302006	0.3119
6240	ZHOU, DW	47	301925	0.3118
6241	IVASKA, J	56	301789	0.3117
6242	ZHANG, YW	475	301619	0.3115
6243	GHOSH, M	69	301482	0.3113
6244	LU, M	242	301377	0.3112

6245	GUPTA, V	124	301371	0.3112
6246	LI, DF	158	301210	0.3111
6247	WONG, J	60	301183	0.3110
6248	CHANG, J	199	301125	0.3110
6249	MORI, M	156	300784	0.3106
6250	KIM, B	260	300526	0.3103
6251	SUN, YT	111	300473	0.3103
6252	HE, HB	50	300313	0.3101
6253	CHEN, XJ	427	300067	0.3099
6254	LI, WM	154	300020	0.3098
6255	VAN RHEENEN, J	47	299987	0.3098
6256	LI, XB	234	299897	0.3097
6257	NGUYEN, DT	52	299887	0.3097
6258	GIBSON, G	53	299787	0.3096
6259	CAI, X	127	299470	0.3093
6260	LIU, ZW	231	299376	0.3092
6261	WANG, DF	112	299233	0.3090
6262	HONG, Y	211	299129	0.3089
6263	WU, N	301	299093	0.3089
6264	LEE, MH	164	298605	0.3084
6265	LI, TY	203	298593	0.3084
6266	XIAO, YH	83	298311	0.3081
6267	QI, J	220	298279	0.3080
6268	XIA, L	190	297950	0.3077
6269	LI, GL	287	297717	0.3074
6270	YAMANAKA, S	60	297370	0.3071
6271	XU, XW	203	297281	0.3070
6272	YANG, LF	109	297236	0.3070
6273	LI, JF	302	297199	0.3069
6274	ZHANG, CC	162	297197	0.3069
6275	DING, X	167	296427	0.3061

6276	ROSS-IBARRA, J	52	296413	0.3061
6277	YANG, XR	143	296290	0.3060
6278	SELUANOV, A	54	296280	0.3060
6279	CHRISTENSEN, K	112	296128	0.3058
6280	CHOI, K	118	295973	0.3056
6281	LI, QS	105	295815	0.3055
6282	LIU, HS	137	295718	0.3054
6283	HUANG, XY	398	295064	0.3047
6284	TAO, YG	48	295019	0.3047
6285	LI, MQ	219	294687	0.3043
6286	PARK, E	78	294639	0.3043
6287	HOFFMANN, S	57	294605	0.3042
6288	CHIBA, K	59	294161	0.3038
6289	ZHOU, CC	165	294147	0.3038
6290	YU, W	182	294103	0.3037
6291	YUAN, ZQ	74	294082	0.3037
6292	LIU, HY	592	294072	0.3037
6293	ZHANG, RG	84	293916	0.3035
6294	HUANG, Q	359	293882	0.3035
6295	ZHOU, JJ	209	293772	0.3034
6296	YANG, JB	103	293375	0.3030
6297	LI, CF	197	293247	0.3028
6298	HSU, YH	48	292950	0.3025
6299	SHI, J	400	292897	0.3025
6300	ZHANG, SC	180	292796	0.3024
6301	COSTA, A	49	292697	0.3023
6302	HUANG, LL	154	292090	0.3016
6303	ZHOU, WC	65	292050	0.3016
6304	SHI, XY	161	291928	0.3015
6305	YANG, SL	129	291781	0.3013
6306	YU, P	221	291504	0.3010

6307	SONG, X	176	291422	0.3009
6308	LIU, TY	228	291398	0.3009
6309	YAO, X	126	291377	0.3009
6310	GUO, JM	101	291377	0.3009
6311	CHEN, YP	224	291257	0.3008
6312	CHEN, N	234	291236	0.3008
6313	CHEN, XQ	221	291010	0.3005
6314	WANG, MY	438	290918	0.3004
6315	ZHOU, YL	277	290758	0.3003
6316	LIU, HL	456	290703	0.3002
6317	NAKAYAMA, K	131	289969	0.2994
6318	GREEN, R	60	289662	0.2991
6319	VILLANUEVA, A	53	289201	0.2987
6320	LEE, SL	56	289165	0.2986
6321	SAITO, Y	173	289144	0.2986
6322	ZHOU, WY	115	288999	0.2984
6323	KULLO, IJ	65	288575	0.2980
6324	HUANG, KL	66	288548	0.2980
6325	HE, F	292	288093	0.2975
6326	YAO, YM	50	288041	0.2975
6327	SINGH, K	205	287996	0.2974
6328	TAKAHASHI, S	256	287822	0.2972
6329	MIYAZAKI, T	67	287786	0.2972
6330	LIANG, YY	86	287696	0.2971
6331	NAKAMURA, K	201	287356	0.2967
6332	LEI, Y	224	287268	0.2967
6333	LI, WH	380	287161	0.2965
6334	LIU, SP	134	287029	0.2964
6335	BUSTAMANTE, M	53	286546	0.2959
6336	WANG, JP	283	286507	0.2959
6337	WANG, TF	80	286191	0.2955

6338	CRAIG, JE	50	286070	0.2954
6339	WU, JQ	173	285891	0.2952
6340	HAO, K	65	285644	0.2950
6341	ZHAO, P	334	285558	0.2949
6342	YANG, JS	153	285552	0.2949
6343	JIANG, C	261	285427	0.2948
6344	ZHU, YF	185	285408	0.2947
6345	WANG, HD	141	285155	0.2945
6346	LEE, MG	63	284938	0.2943
6347	SCHMIDT, A	129	284484	0.2938
6348	ZHANG, HH	322	284450	0.2937
6349	YANG, N	417	284286	0.2936
6350	ZENG, L	236	284193	0.2935
6351	WANG, LB	160	284150	0.2934
6352	CAO, L	355	284088	0.2934
6353	TANG, W	196	284078	0.2934
6354	TONG, C	89	283925	0.2932
6355	THOMAS, T	53	283904	0.2932
6356	VELTMAN, JA	53	283904	0.2932
6357	HUANG, P	314	283766	0.2930
6358	TAYLOR, D	114	283724	0.2930
6359	SAHIN, M	71	283425	0.2927
6360	SCHNEIDER, M	93	283184	0.2924
6361	CAO, YL	105	283174	0.2924
6362	LI, GP	169	283113	0.2924
6363	SHEN, ZY	165	282913	0.2922
6364	YANG, LQ	111	282839	0.2921
6365	YU, RT	58	282812	0.2921
6366	DENG, X	159	282750	0.2920
6367	SCHUBERT, M	68	282636	0.2919
6368	WANG, JZ	245	282581	0.2918

6369	LI, CJ	299	282317	0.2915
6370	WU, DD	186	282193	0.2914
6371	JIANG, LH	143	282004	0.2912
6372	RAO, S	101	281901	0.2911
6373	LIU, YQ	520	281851	0.2911
6374	YUAN, JM	60	281795	0.2910
6375	KATO, T	198	281431	0.2906
6376	KIM, DK	109	281067	0.2903
6377	LI, MH	272	281000	0.2902
6378	GAO, GP	55	280949	0.2901
6379	WANG, LR	77	280814	0.2900
6380	YE, X	126	280805	0.2900
6381	FENG, W	111	280719	0.2899
6382	CHENG, XD	86	280680	0.2899
6383	HAN, H	225	280538	0.2897
6384	ZHONG, Y	257	280392	0.2896
6385	YU, CH	142	280309	0.2895
6386	MACGREGOR, S	65	280237	0.2894
6387	SAITOU, M	72	279996	0.2891
6388	LAN, XY	136	279933	0.2891
6389	YANG, YY	327	279776	0.2889
6390	CHEN, XT	123	279750	0.2889
6391	JIANG, W	397	279652	0.2888
6392	DUAN, L	115	279482	0.2886
6393	HABER, M	52	279458	0.2886
6394	WU, Z	264	279335	0.2885
6395	SHIN, JH	172	278950	0.2881
6396	WU, BJ	62	278318	0.2874
6397	WANG, CF	193	278133	0.2872
6398	WU, JM	116	278044	0.2871
6399	KURZROCK, R	52	278002	0.2871

6400	HU, T	184	277700	0.2868
6401	SOFER, T	71	277678	0.2868
6402	ZHANG, ML	244	277598	0.2867
6403	MA, WJ	157	277506	0.2866
6404	BOONE, C	65	277499	0.2866
6405	CHEN, SF	136	277266	0.2863
6406	ZHANG, A	102	277175	0.2862
6407	DILLIN, A	53	277054	0.2861
6408	KATAOKA, K	57	276769	0.2858
6409	ZENG, Q	128	276768	0.2858
6410	KUMAR, K	76	276719	0.2858
6411	FENG, YM	74	276704	0.2857
6412	LV, J	192	276393	0.2854
6413	RICHARDSON, A	55	275695	0.2847
6414	MATSUO, K	107	275573	0.2846
6415	ZHOU, C	406	275321	0.2843
6416	LIANG, HH	61	275304	0.2843
6417	ZHAO, YP	167	275268	0.2843
6418	WU, LJ	150	275140	0.2841
6419	BAO, Y	94	275099	0.2841
6420	WANG, SB	223	274396	0.2834
6421	ZHAO, T	231	274336	0.2833
6422	ZHAO, SM	109	273806	0.2828
6423	LIU, CH	270	273697	0.2826
6424	HU, G	125	273523	0.2825
6425	ZHOU, S	267	273408	0.2823
6426	WANG, PP	135	273375	0.2823
6427	WANG, GS	88	273300	0.2822
6428	KINOSHITA, T	72	273196	0.2821
6429	LIN, XH	181	273154	0.2821
6430	MA, XC	69	272730	0.2816

6431	YANG, XP	125	272483	0.2814
6432	LIU, YZ	301	272344	0.2812
6433	KHAN, A	321	272156	0.2811
6434	LIN, B	129	271925	0.2808
6435	CUI, YX	60	271905	0.2808
6436	PAN, Y	358	271879	0.2808
6437	FAN, XY	122	271825	0.2807
6438	PARK, JH	427	271645	0.2805
6439	LIN, Q	274	271185	0.2800
6440	MA, X	421	271160	0.2800
6441	ZHANG, ZZ	215	270972	0.2798
6442	LI, JS	281	270942	0.2798
6443	WANG, JC	440	270826	0.2797
6444	XIE, C	152	270819	0.2797
6445	SHEN, N	118	270731	0.2796
6446	KAUR, G	89	270676	0.2795
6447	WEN, W	82	270647	0.2795
6448	LIN, HY	211	270545	0.2794
6449	KIM, JW	291	270177	0.2790
6450	LIU, A	100	269984	0.2788
6451	LI, XK	221	269954	0.2788
6452	DONG, R	120	269820	0.2786
6453	KIM, A	134	269803	0.2786
6454	ZHOU, YY	240	269487	0.2783
6455	KOBAYASHI, T	243	269464	0.2783
6456	GAO, DM	52	269274	0.2781
6457	LIANG, S	128	269198	0.2780
6458	SONG, MS	70	268975	0.2778
6459	WANG, BB	137	268962	0.2778
6460	LIM, B	68	268769	0.2776
6461	CHOI, H	246	268730	0.2775

6462	CHINNERY, PF	60	268684	0.2775
6463	ARAI, Y	82	268476	0.2773
6464	MEYER, A	91	268400	0.2772
6465	LI, CL	381	268319	0.2771
6466	ZHANG, YZ	495	268232	0.2770
6467	AMOS, CI	72	268017	0.2768
6468	GEIGER, H	54	267954	0.2767
6469	SHI, S	148	267937	0.2767
6470	CHEN, XS	166	267854	0.2766
6471	COLLINS, A	54	267699	0.2764
6472	HE, XJ	201	267362	0.2761
6473	LUO, JH	107	267086	0.2758
6474	FANG, Y	425	266939	0.2757
6475	LIM, J	175	266721	0.2754
6476	XU, HZ	106	266597	0.2753
6477	CAI, J	297	266375	0.2751
6478	WU, YZ	140	266030	0.2747
6479	HUANG, XH	191	266017	0.2747
6480	HUANG, R	228	265926	0.2746
6481	RUPPIN, E	58	265897	0.2746
6482	KHAN, M	139	265538	0.2742
6483	CHANG, S	119	265329	0.2740
6484	LIAO, WJ	89	265301	0.2740
6485	LIN, D	95	265257	0.2739
6486	AHMED, A	123	265058	0.2737
6487	HE, B	277	264977	0.2736
6488	FAN, CM	57	264802	0.2735
6489	BELLEN, HJ	90	264800	0.2735
6490	YU, Z	220	264754	0.2734
6491	YANG, SK	56	264289	0.2729
6492	LIU, YT	344	263803	0.2724

6493	ALKURAYA, FS	194	263731	0.2724
6494	THOMAS, M	99	263573	0.2722
6495	VARSHNEY, RK	77	263335	0.2719
6496	LI, XG	222	263148	0.2717
6497	YE, Q	113	262854	0.2714
6498	ZHOU, YS	109	262783	0.2714
6499	STUDER, L	56	262476	0.2711
6500	PARK, M	192	262305	0.2709
6501	WU, MH	109	261811	0.2704
6502	KIM, JY	375	261743	0.2703
6503	KAGEYAMA, R	56	261682	0.2702
6504	FENG, L	318	261590	0.2701
6505	PANG, J	69	261549	0.2701
6506	JIANG, K	181	261509	0.2701
6507	DURAND, S	75	261429	0.2700
6508	PRASAD, M	61	261131	0.2697
6509	ZHOU, ZW	126	261057	0.2696
6510	ZHANG, HW	295	260909	0.2694
6511	BURLINGAME, AL	57	260858	0.2694
6512	LIU, ML	188	260717	0.2692
6513	PARK, SY	262	260647	0.2692
6514	BROWN, J	73	260630	0.2691
6515	ZHOU, HB	90	260397	0.2689
6516	WU, YG	67	260290	0.2688
6517	YU, YY	164	260275	0.2688
6518	YAN, YL	111	260155	0.2687
6519	LIN, DX	67	260144	0.2686
6520	DONG, B	156	259837	0.2683
6521	SNIJDERS, AP	57	259778	0.2683
6522	SASAKI, N	59	259405	0.2679
6523	LI, JQ	419	259399	0.2679

6524	LIU, HW	158	259305	0.2678
6525	BANERJEE, S	246	259226	0.2677
6526	CHEN, WT	117	259214	0.2677
6527	GAO, C	275	259169	0.2676
6528	ZHU, CL	102	259005	0.2675
6529	WU, HJ	187	258656	0.2671
6530	YANG, BB	69	258593	0.2670
6531	ZHU, JS	57	258413	0.2669
6532	WANG, SQ	358	258313	0.2668
6533	YE, YQ	93	258283	0.2667
6534	BECKER, T	82	257606	0.2660
6535	SONG, YS	112	256780	0.2652
6536	LIU, CX	291	256727	0.2651
6537	SUN, S	253	256679	0.2651
6538	LIAO, Y	185	256546	0.2649
6539	ZHAO, R	250	256496	0.2649
6540	WANG, LW	177	256410	0.2648
6541	CHEN, ML	202	256143	0.2645
6542	XU, JX	117	256128	0.2645
6543	LU, JJ	155	255888	0.2643
6544	ZHANG, BH	191	255728	0.2641
6545	ZHONG, L	209	255596	0.2640
6546	DENG, YQ	75	255442	0.2638
6547	DU, XM	85	255360	0.2637
6548	LI, YW	278	255102	0.2634
6549	GUO, JP	67	254965	0.2633
6550	CHENG, SY	119	254661	0.2630
6551	CHO, MH	90	254418	0.2627
6552	WANG, ZG	228	254374	0.2627
6553	ROY, S	321	254335	0.2626
6554	KOBAYASHI, H	188	254012	0.2623

6555	SUN, QM	84	253999	0.2623
6556	NAKAMURA, M	278	253673	0.2620
6557	ZHOU, P	361	253499	0.2618
6558	SONG, H	334	253313	0.2616
6559	LIN, C	210	253178	0.2615
6560	WU, JZ	117	252960	0.2612
6561	SINGH, D	151	252845	0.2611
6562	TAN, YY	63	252830	0.2611
6563	LIN, ZY	193	252787	0.2610
6564	STEIN, JL	97	252699	0.2610
6565	CHEN, RS	63	252583	0.2608
6566	LIANG, CZ	108	252383	0.2606
6567	YANG, YZ	164	252367	0.2606
6568	WANG, ML	294	252361	0.2606
6569	XU, YH	268	252251	0.2605
6570	YUAN, K	101	252199	0.2604
6571	CLAYTON-SMITH, J	60	251942	0.2602
6572	LIU, BY	215	251615	0.2598
6573	SHARMA, R	305	251442	0.2597
6574	JONES, K	80	250981	0.2592
6575	KOBAYASHI, Y	179	250781	0.2590
6576	QU, L	92	250765	0.2590
6577	JIANG, N	272	250570	0.2588
6578	LI, HT	204	250466	0.2587
6579	WU, YY	342	250413	0.2586
6580	WARREN, WC	66	250363	0.2585
6581	RAFFIELD, LM	90	250357	0.2585
6582	TAN, J	257	250335	0.2585
6583	XU, SH	242	250301	0.2585
6584	SHARMA, N	183	249960	0.2581
6585	SHEN, LS	56	249899	0.2581

6586	MOORE, J	62	249754	0.2579
6587	LI, BY	172	249528	0.2577
6588	DENG, W	130	249498	0.2577
6589	YAN, JH	89	249453	0.2576
6590	SINGH, M	246	249371	0.2575
6591	ZHU, GQ	120	249277	0.2574
6592	LI, JZ	253	249268	0.2574
6593	XU, JF	167	249241	0.2574
6594	ROSSI, F	58	249221	0.2574
6595	CHANG, JH	107	249215	0.2574
6596	TIAN, B	108	248932	0.2571
6597	KIM, BS	115	248782	0.2569
6598	OBRIEN, T	59	248747	0.2569
6599	MORGAN, A	59	248502	0.2566
6600	XIE, H	222	248400	0.2565
6601	LU, WY	69	248299	0.2564
6602	TANG, ZH	134	248255	0.2564
6603	BOEKE, JD	73	248024	0.2561
6604	PARK, CY	90	247763	0.2559
6605	YAO, Z	103	247701	0.2558
6606	LI, FY	150	247640	0.2557
6607	CHEN, KH	95	247593	0.2557
6608	GECZ, J	92	247325	0.2554
6609	NGUYEN, D	79	247299	0.2554
6610	HUANG, CM	60	247298	0.2554
6611	LU, W	237	247083	0.2552
6612	SUN, XD	129	247025	0.2551
6613	SINGH, N	199	246857	0.2549
6614	MAJEWSKI, J	81	246799	0.2549
6615	XIAO, R	142	246662	0.2547
6616	KIMURA, H	188	246622	0.2547

6617	CHEN, SW	181	246596	0.2547
6618	ZHAO, YY	346	246310	0.2544
6619	WANG, SC	193	245833	0.2539
6620	CHENG, T	170	245761	0.2538
6621	XIANG, Q	80	245633	0.2537
6622	FENG, XH	90	245434	0.2535
6623	WANG, XS	291	245074	0.2531
6624	TIAN, T	208	244591	0.2526
6625	GUO, YR	82	244544	0.2525
6626	ZHU, XY	331	244367	0.2524
6627	MATSUMOTO, M	154	244317	0.2523
6628	WALKER, S	66	244232	0.2522
6629	ITO, Y	183	244203	0.2522
6630	CUI, C	92	244106	0.2521
6631	SU, B	112	244043	0.2520
6632	SMITH, R	85	243859	0.2518
6633	FUKUDA, S	62	243816	0.2518
6634	YE, F	173	243645	0.2516
6635	QIAN, J	258	243456	0.2514
6636	MORI, H	78	243140	0.2511
6637	MAEDA, S	70	243086	0.2510
6638	YAN, YQ	78	242941	0.2509
6639	LUO, XH	67	242887	0.2508
6640	SCHMITT, A	64	242788	0.2507
6641	YU, HT	117	242637	0.2506
6642	WANG, YA	130	242369	0.2503
6643	LI, SH	404	242058	0.2500
6644	BHATIA, S	72	241867	0.2498
6645	WEI, WQ	65	241865	0.2498
6646	XIANG, W	64	241823	0.2497
6647	GUO, XJ	179	241778	0.2497

6648	WU, JH	350	241750	0.2497
6649	WANG, CM	182	241567	0.2495
6650	LI, PP	136	241305	0.2492
6651	CHEN, YT	323	241269	0.2492
6652	WU, JJ	299	241144	0.2490
6653	HE, YT	71	241063	0.2489
6654	CHANG, Y	209	241048	0.2489
6655	SEN, P	59	241042	0.2489
6656	FANG, H	187	241033	0.2489
6657	ZHAO, HQ	95	240726	0.2486
6658	MARTIN, A	94	240555	0.2484
6659	LU, H	319	240380	0.2482
6660	MARTIN, P	77	240353	0.2482
6661	YANG, YL	402	240344	0.2482
6662	SHEN, X	231	240230	0.2481
6663	PENG, H	279	240177	0.2480
6664	TAN, MJ	75	240027	0.2479
6665	DENG, Y	271	239845	0.2477
6666	XIE, T	198	239495	0.2473
6667	WANG, WZ	135	239494	0.2473
6668	YUAN, X	191	239339	0.2472
6669	JIN, HJ	107	239287	0.2471
6670	GUO, XG	77	239236	0.2471
6671	MARSHALL, CR	65	239082	0.2469
6672	WU, ZH	300	238882	0.2467
6673	PATEL, K	119	238731	0.2465
6674	YI, C	62	238467	0.2463
6675	HOISCHEN, A	85	238426	0.2462
6676	TANG, C	224	238322	0.2461
6677	ZHANG, ZD	155	238318	0.2461
6678	DALESSANDRO, A	67	238222	0.2460

6679	ZHOU, G	80	238154	0.2459
6680	LI, ZL	450	238050	0.2458
6681	KOBOR, MS	66	237978	0.2458
6682	CHENG, ZY	63	237734	0.2455
6683	JAIN, D	92	237681	0.2455
6684	CHENG, Q	207	237600	0.2454
6685	TANAKA, Y	261	237589	0.2454
6686	TANG, N	144	237586	0.2454
6687	SUN, YL	192	237468	0.2452
6688	ISHIKAWA, M	83	237300	0.2451
6689	ZHONG, J	175	237268	0.2450
6690	WANG, HW	252	237187	0.2449
6691	CHOI, S	201	237015	0.2448
6692	GU, J	226	236819	0.2446
6693	ZHENG, X	291	236687	0.2444
6694	WANG, XC	365	236431	0.2442
6695	XUE, H	139	236149	0.2439
6696	WANG, CG	129	236060	0.2438
6697	GAO, M	339	235943	0.2437
6698	SONG, CL	82	235865	0.2436
6699	SUN, SH	78	235711	0.2434
6700	GUO, F	242	235284	0.2430
6701	WANG, QY	303	235026	0.2427
6702	SU, Y	306	234477	0.2421
6703	YANG, YQ	277	234378	0.2420
6704	LI, HB	292	234206	0.2419
6705	SU, H	184	234001	0.2416
6706	WATANABE, S	167	233975	0.2416
6707	YANG, XH	284	233934	0.2416
6708	WANG, ZZ	287	233743	0.2414
6709	LI, ZW	316	233644	0.2413

6710	LIU, JP	211	233419	0.2410
6711	ZHAO, ZM	181	233415	0.2410
6712	WANG, DS	132	233280	0.2409
6713	SUN, D	202	233205	0.2408
6714	CHO, HJ	112	233073	0.2407
6715	ANDO, K	66	233045	0.2407
6716	KIM, KH	226	232886	0.2405
6717	CHEN, XX	284	232819	0.2404
6718	ZHENG, YX	152	232509	0.2401
6719	SHAH, A	70	232479	0.2401
6720	YAN, L	344	232377	0.2400
6721	QIN, L	210	232321	0.2399
6722	YE, L	296	232259	0.2399
6723	THOMAS, C	76	231898	0.2395
6724	WANG, JD	150	231772	0.2393
6725	ZHANG, PP	181	231747	0.2393
6726	MA, Q	292	231726	0.2393
6727	TONG, X	83	231660	0.2392
6728	ANDO, T	68	231435	0.2390
6729	RAO, M	66	231059	0.2386
6730	FISCHER, M	104	230935	0.2385
6731	SHEN, CY	127	230896	0.2384
6732	ZHENG, CH	75	230755	0.2383
6733	HAN, JL	154	230750	0.2383
6734	WANG, HZ	260	230557	0.2381
6735	LIN, CW	141	230491	0.2380
6736	ITO, H	137	230062	0.2376
6737	ITO, S	189	229793	0.2373
6738	SUN, F	255	229773	0.2373
6739	XIAO, XS	67	229692	0.2372
6740	ZHANG, XF	398	229631	0.2371

6741	GENG, Y	97	229484	0.2370
6742	WANG, LF	270	229411	0.2369
6743	CUI, XL	105	229304	0.2368
6744	ZHOU, ZY	242	229249	0.2367
6745	ZHAO, G	189	229050	0.2365
6746	LIN, SH	144	229031	0.2365
6747	LI, LW	62	228981	0.2365
6748	CHEN, HD	99	228956	0.2364
6749	CAO, B	82	228624	0.2361
6750	ZHENG, LL	88	228600	0.2361
6751	SINGH, NK	69	228531	0.2360
6752	STADLER, PF	62	228512	0.2360
6753	JIANG, HL	95	228382	0.2358
6754	LIU, MY	317	228355	0.2358
6755	ITO, M	202	228178	0.2356
6756	LI, LH	248	228112	0.2356
6757	PELLEGRINI, M	137	227935	0.2354
6758	DAS, R	128	227826	0.2353
6759	KRÜGER, M	78	227779	0.2352
6760	WILLIAMS, S	68	227718	0.2352
6761	WANG, LQ	255	227686	0.2351
6762	LI, DY	338	227582	0.2350
6763	YE, D	124	227374	0.2348
6764	DONG, X	228	227209	0.2346
6765	YANG, ZY	346	226765	0.2342
6766	SHEN, SY	88	226745	0.2342
6767	LIU, LH	144	226498	0.2339
6768	MEHTA, S	73	226476	0.2339
6769	YU, DH	87	226382	0.2338
6770	LI, WZ	142	226267	0.2337
6771	ZHAO, JC	109	226156	0.2335

6772	SONG, ZY	107	226126	0.2335
6773	MUKHERJEE, A	140	225916	0.2333
6774	LI, DS	104	225824	0.2332
6775	LU, G	90	225806	0.2332
6776	WU, LL	179	225603	0.2330
6777	CHEN, PY	149	225600	0.2330
6778	WEN, J	364	225528	0.2329
6779	TAKEDA, S	153	225464	0.2328
6780	XIA, F	108	225339	0.2327
6781	SINGH, SP	82	225163	0.2325
6782	PENG, G	64	225044	0.2324
6783	YI, X	123	224780	0.2321
6784	ZHAO, CY	180	224699	0.2320
6785	XU, YM	206	224635	0.2320
6786	WU, QJ	89	224294	0.2316
6787	ZHENG, MH	98	224274	0.2316
6788	ZHANG, XS	184	223994	0.2313
6789	WANG, LN	182	223951	0.2313
6790	XU, XJ	233	223944	0.2313
6791	GUAN, XY	134	223613	0.2309
6792	LIN, YF	213	223459	0.2308
6793	LI, JW	333	223362	0.2307
6794	ZHONG, M	117	223343	0.2306
6795	LIU, ZM	246	223324	0.2306
6796	MARTIN, D	70	222994	0.2303
6797	XU, JW	152	222983	0.2303
6798	XU, XQ	132	222777	0.2301
6799	PARK, SK	107	222388	0.2297
6800	TANAKA, A	100	222312	0.2296
6801	LIU, SQ	248	222275	0.2295
6802	GU, X	151	222219	0.2295

6803	LIN, SC	117	222025	0.2293
6804	NAKAUCHI, H	86	221851	0.2291
6805	JIANG, M	301	221843	0.2291
6806	YAN, JB	65	221821	0.2291
6807	FUJITA, M	94	221676	0.2289
6808	TAKAHASHI, N	105	221332	0.2286
6809	WANG, PH	90	221320	0.2286
6810	RAUGHT, B	73	221151	0.2284
6811	JIANG, XM	104	220815	0.2280
6812	LIU, XP	190	220702	0.2279
6813	WANG, MN	72	220435	0.2276
6814	SHI, X	217	220381	0.2276
6815	LI, LY	342	220324	0.2275
6816	WU, CT	73	220039	0.2272
6817	ZHAO, F	303	219911	0.2271
6818	HUANG, CS	77	219906	0.2271
6819	PARK, SJ	233	219597	0.2268
6820	LIU, HB	275	219474	0.2266
6821	JHANGIANI, SN	85	219448	0.2266
6822	WANG, SK	129	219208	0.2264
6823	CHEN, ZX	255	219196	0.2264
6824	PAN, L	141	218906	0.2261
6825	YANG, HY	280	218709	0.2259
6826	WANG, JR	233	218708	0.2259
6827	HOU, J	184	218643	0.2258
6828	YUE, F	77	218514	0.2257
6829	TAN, W	116	218476	0.2256
6830	YANG, SY	273	218455	0.2256
6831	ZHANG, MM	283	218406	0.2255
6832	HSU, CC	95	218225	0.2254
6833	TAYLOR, RW	95	218225	0.2254

6834	NIE, Y	102	218161	0.2253
6835	LEE, HK	116	218101	0.2252
6836	MÜLLER, M	112	217810	0.2249
6837	TOYODA, A	122	217799	0.2249
6838	SUN, YP	166	217791	0.2249
6839	CAO, YH	98	217507	0.2246
6840	WANG, ZJ	436	217360	0.2245
6841	GÜNTHER, S	65	217288	0.2244
6842	CAI, S	75	217177	0.2243
6843	HE, W	274	217121	0.2242
6844	LU, T	132	216836	0.2239
6845	CHEN, XL	534	216606	0.2237
6846	TAO, R	120	216563	0.2236
6847	WANG, WS	91	216348	0.2234
6848	LEE, HC	116	216289	0.2234
6849	WANG, DQ	111	216149	0.2232
6850	GAO, SR	131	215817	0.2229
6851	WANG, DW	214	215578	0.2226
6852	RAMACHANDRAN, S	100	215574	0.2226
6853	JONES, A	95	215526	0.2226
6854	YU, F	309	215506	0.2226
6855	REN, Y	254	215210	0.2222
6856	SHI, YY	187	215155	0.2222
6857	LI, DZ	125	214846	0.2219
6858	LIU, JG	99	214780	0.2218
6859	SHAO, Y	249	214753	0.2218
6860	XU, JL	156	214603	0.2216
6861	LIU, JW	293	214586	0.2216
6862	DENG, XX	81	214350	0.2214
6863	DING, YL	88	214327	0.2213
6864	WANG, ZC	224	214183	0.2212

6865	LING, Y	67	214174	0.2212
6866	HE, TC	79	214123	0.2211
6867	LU, JC	74	214044	0.2210
6868	HUANG, G	152	213845	0.2208
6869	WANG, GX	196	213836	0.2208
6870	ZHOU, R	279	213745	0.2207
6871	XIAO, B	143	213486	0.2205
6872	YAN, W	193	213104	0.2201
6873	CHEN, YF	369	213050	0.2200
6874	SCHEFFER, IE	68	213022	0.2200
6875	LI, TT	342	212738	0.2197
6876	VERMEULEN, M	88	212666	0.2196
6877	LIU, WQ	158	212597	0.2195
6878	ZHANG, RY	177	212508	0.2195
6879	CHEN, XF	283	212487	0.2194
6880	XIAO, M	176	212435	0.2194
6881	XU, JJ	335	212393	0.2193
6882	MISHRA, P	69	212377	0.2193
6883	LIN, YH	211	212270	0.2192
6884	GOLDSTEIN, DB	66	212266	0.2192
6885	YIN, XY	109	212265	0.2192
6886	HAYASHI, K	138	211940	0.2189
6887	ZHU, XL	294	211635	0.2186
6888	ZENG, H	195	211476	0.2184
6889	JIN, H	261	211429	0.2183
6890	XIANG, Y	249	211309	0.2182
6891	WANG, DP	111	211300	0.2182
6892	YU, XY	217	211255	0.2182
6893	CHEN, QM	118	211119	0.2180
6894	LI, MF	90	211106	0.2180
6895	PENG, W	181	210985	0.2179

6896	DENG, XM	92	210728	0.2176
6897	LI, MC	84	210594	0.2175
6898	WANG, QQ	266	210469	0.2173
6899	HUANG, YY	266	210178	0.2170
6900	LIU, MF	97	209670	0.2165
6901	WANG, HS	186	209352	0.2162
6902	HUANG, YL	285	209189	0.2160
6903	WANG, XP	288	209159	0.2160
6904	ZHANG, WL	252	209030	0.2159
6905	JI, X	145	209025	0.2159
6906	WU, SF	90	209000	0.2158
6907	YANG, MJ	102	208737	0.2156
6908	GAO, YW	72	208329	0.2151
6909	ZHANG, XP	283	207253	0.2140
6910	LI, CX	281	207127	0.2139
6911	SHARMA, D	119	206824	0.2136
6912	LING, L	84	206816	0.2136
6913	DENG, M	179	206666	0.2134
6914	WU, YQ	255	206534	0.2133
6915	WANG, YN	361	206525	0.2133
6916	AN, Y	167	206424	0.2132
6917	KIM, MS	272	206145	0.2129
6918	YE, J	259	206001	0.2127
6919	TIAN, H	199	205920	0.2127
6920	YANG, WL	192	205836	0.2126
6921	MENG, F	73	205685	0.2124
6922	LIU, SS	281	205580	0.2123
6923	WU, DY	78	205525	0.2122
6924	LI, QY	328	205496	0.2122
6925	YANG, XJ	339	205479	0.2122
6926	LIN, XY	166	205358	0.2121

6927	ZHU, M	299	205277	0.2120
6928	ZHOU, YC	125	205234	0.2119
6929	HE, T	137	205187	0.2119
6930	WANG, GL	254	205164	0.2119
6931	CHEN, MH	256	205163	0.2119
6932	CHEN, ZG	168	205004	0.2117
6933	BISWAS, S	127	204947	0.2116
6934	ZHANG, CQ	174	204925	0.2116
6935	LEE, KM	105	204770	0.2115
6936	BASU, S	161	204631	0.2113
6937	PARK, JM	97	204256	0.2109
6938	YAN, CY	71	204131	0.2108
6939	YAO, L	178	203724	0.2104
6940	QIAN, L	141	203383	0.2100
6941	TIAN, XY	148	203366	0.2100
6942	CAO, K	135	203364	0.2100
6943	CHEN, LP	105	203280	0.2099
6944	ZHANG, JZ	341	203164	0.2098
6945	WU, JX	188	203104	0.2097
6946	WANG, FY	184	203041	0.2097
6947	CHEN, HL	258	203026	0.2097
6948	CHEN, YM	301	202825	0.2095
6949	IKEDA, K	97	202768	0.2094
6950	WANG, WL	224	202297	0.2089
6951	SONG, C	219	202245	0.2089
6952	LIU, LX	263	202079	0.2087
6953	BAMSHAD, MJ	101	201910	0.2085
6954	KIM, TH	223	201904	0.2085
6955	CHANG, YC	179	201849	0.2084
6956	LI, YN	279	201418	0.2080
6957	CHEN, HM	241	201416	0.2080

6958	GAO, N	162	201278	0.2079
6959	LEE, G	144	201217	0.2078
6960	CHENG, Z	126	201108	0.2077
6961	DENG, L	259	200626	0.2072
6962	JOSHI, S	90	200595	0.2072
6963	ZHANG, QC	71	200588	0.2071
6964	LI, XW	343	200549	0.2071
6965	LI, SJ	519	200391	0.2069
6966	RUAN, J	90	200326	0.2069
6967	YANG, ZZ	148	200322	0.2069
6968	WEI, X	245	200117	0.2067
6969	SONG, CY	92	200043	0.2066
6970	CHEN, XH	409	199985	0.2065
6971	YIN, L	252	199951	0.2065
6972	LEE, WJ	120	199936	0.2065
6973	ZHANG, XZ	307	199665	0.2062
6974	HUANG, WC	99	199491	0.2060
6975	JIANG, YH	230	199465	0.2060
6976	ZHANG, CF	160	199156	0.2057
6977	ZHENG, K	98	198985	0.2055
6978	HU, K	171	198930	0.2054
6979	CHEN, JD	89	198865	0.2054
6980	LU, S	247	198633	0.2051
6981	PENG, M	114	198599	0.2051
6982	LONG, H	99	198599	0.2051
6983	ZENG, X	154	198582	0.2051
6984	GLEESON, JG	95	198562	0.2051
6985	YAN, C	150	198435	0.2049
6986	WANG, HH	279	198425	0.2049
6987	LU, X	324	198341	0.2048
6988	WU, HT	110	198242	0.2047

6989	GONG, Y	218	198050	0. 2045
6990	YUAN, L	261	197930	0. 2044
6991	WU, XQ	166	197800	0. 2043
6992	WANG, HT	275	197798	0. 2043
6993	ROY, A	157	197750	0. 2042
6994	WANG, XG	229	197698	0. 2042
6995	ZHOU, LY	149	197615	0. 2041
6996	KIM, KS	173	197536	0. 2040
6997	DAI, J	150	197436	0. 2039
6998	CHOI, HS	76	197278	0. 2037
6999	YAN, H	308	197266	0. 2037
7000	ZHANG, JQ	294	197254	0. 2037
7001	TIAN, J	270	197011	0. 2035
7002	WU, ZX	143	196725	0. 2032
7003	SCOTT, DA	104	196262	0. 2027
7004	LEE, SC	189	196188	0. 2026
7005	SUN, ZJ	114	195981	0. 2024
7006	LIN, SJ	125	195802	0. 2022
7007	WANG, DH	136	195770	0. 2022
7008	ZHAO, K	302	195762	0. 2022
7009	ALTMÜLLER, J	108	195648	0. 2020
7010	GAO, LL	100	195629	0. 2020
7011	KOSEKI, H	86	195577	0. 2020
7012	LI, DW	168	195359	0. 2017
7013	ZHANG, CJ	179	195306	0. 2017
7014	CHU, HY	80	195229	0. 2016
7015	WANG, JS	340	195154	0. 2015
7016	WU, YP	159	195117	0. 2015
7017	ZHU, LY	185	195047	0. 2014
7018	PENG, ZY	94	194957	0. 2013
7019	XUE, J	168	194891	0. 2013

7020	YANG, YF	332	194729	0. 2011
7021	SHI, R	95	194442	0. 2008
7022	XU, JR	73	194377	0. 2007
7023	LI, HH	313	194376	0. 2007
7024	SASAKI, H	117	194167	0. 2005
7025	WEI, CL	76	193908	0. 2002
7026	ZHANG, GY	204	193672	0. 2000
7027	YUAN, M	176	193555	0. 1999
7028	DONG, H	214	193500	0. 1998
7029	PENG, D	83	193370	0. 1997
7030	KUMAR, M	238	193191	0. 1995
7031	WATANABE, T	196	193111	0. 1994
7032	LI, PF	187	193037	0. 1993
7033	YAN, Q	222	192793	0. 1991
7034	YOSHIDA, S	165	192775	0. 1991
7035	CHEN, HJ	230	192749	0. 1990
7036	NGUYEN, TT	105	192519	0. 1988
7037	CHEN, HC	191	192316	0. 1986
7038	ZHU, C	203	192313	0. 1986
7039	THOMAS, R	86	192240	0. 1985
7040	TAKAHASHI, M	277	192051	0. 1983
7041	ZHOU, LL	155	191961	0. 1982
7042	TAN, C	139	191931	0. 1982
7043	DAS, A	224	191894	0. 1982
7044	XU, R	293	191874	0. 1981
7045	SHI, Z	113	191739	0. 1980
7046	LI, ZC	191	191572	0. 1978
7047	KIMURA, M	80	191297	0. 1976
7048	ZHANG, TT	326	191265	0. 1975
7049	TAO, J	177	191238	0. 1975
7050	SHARIFI-RAD, J	128	190899	0. 1971

7051	LIU, BL	119	190878	0. 1971
7052	LI, HF	202	190618	0. 1968
7053	WANG, LP	242	190527	0. 1968
7054	GU, L	174	190499	0. 1967
7055	WU, XC	76	190302	0. 1965
7056	INOUE, S	88	190016	0. 1962
7057	LIU, JH	435	190002	0. 1962
7058	HUANG, DS	81	189816	0. 1960
7059	MARTIN, M	83	189798	0. 1960
7060	LIU, ZD	142	189695	0. 1959
7061	CHEN, XP	216	189632	0. 1958
7062	WANG, DC	97	189572	0. 1958
7063	LEE, DH	239	189545	0. 1957
7064	BARADARAN, B	124	189294	0. 1955
7065	ZHU, QY	107	189009	0. 1952
7066	WANG, XR	330	188777	0. 1949
7067	HU, JC	110	188710	0. 1949
7068	YAMAMOTO, Y	157	188620	0. 1948
7069	WEI, Q	274	188515	0. 1947
7070	XU, LY	221	188457	0. 1946
7071	YANG, YH	360	188417	0. 1946
7072	LIU, SH	273	188408	0. 1946
7073	JIANG, B	255	188110	0. 1943
7074	HIRANO, T	85	187939	0. 1941
7075	HAO, Y	153	187938	0. 1941
7076	XU, YC	218	187933	0. 1941
7077	ZHENG, Z	183	187728	0. 1939
7078	LU, P	154	187588	0. 1937
7079	CHEN, WW	133	187525	0. 1937
7080	ZHANG, MJ	318	187442	0. 1936
7081	XIA, Q	157	187399	0. 1935

7082	TAN, K	98	187254	0. 1934
7083	SUN, XX	138	187170	0. 1933
7084	YAN, M	203	187139	0. 1933
7085	CHEN, JC	204	187070	0. 1932
7086	WU, R	172	186973	0. 1931
7087	HASHIMOTO, K	105	186902	0. 1930
7088	JIANG, YY	219	186827	0. 1929
7089	PAN, X	159	186826	0. 1929
7090	YANG, SM	147	186806	0. 1929
7091	WEI, P	123	186783	0. 1929
7092	WANG, SL	287	186733	0. 1928
7093	ZHANG, DC	106	186638	0. 1927
7094	WATANABE, M	278	186630	0. 1927
7095	CHEN, SL	368	186623	0. 1927
7096	GAO, SJ	87	186410	0. 1925
7097	WU, QL	87	186410	0. 1925
7098	ZHAN, Y	109	186364	0. 1925
7099	ZHENG, P	120	186071	0. 1922
7100	WANG, YR	295	185866	0. 1919
7101	KIM, YM	133	185853	0. 1919
7102	CHEN, XZ	191	185830	0. 1919
7103	DING, W	122	185774	0. 1918
7104	LI, SC	171	185673	0. 1917
7105	DENG, J	238	185500	0. 1916
7106	XU, D	309	185441	0. 1915
7107	HU, JJ	263	185399	0. 1915
7108	TANG, S	157	185338	0. 1914
7109	CHEN, ZL	215	185320	0. 1914
7110	TAN, B	85	185313	0. 1914
7111	MALIK, S	95	185251	0. 1913
7112	YANG, YC	191	185221	0. 1913

7113	SHIMIZU, K	88	185218	0. 1913
7114	YOSHIDA, T	151	185063	0. 1911
7115	CAO, Q	179	184991	0. 1910
7116	HE, ZY	179	184991	0. 1910
7117	LI, MX	250	184960	0. 1910
7118	XU, CQ	98	184666	0. 1907
7119	ZHANG, XC	255	184630	0. 1907
7120	CORMIER-DAIRE, V	77	184493	0. 1905
7121	LU, Z	105	184446	0. 1905
7122	PARK, D	156	184414	0. 1904
7123	LI, BW	112	184350	0. 1904
7124	SAKAI, Y	142	184329	0. 1904
7125	HE, ZH	148	184197	0. 1902
7126	CHEN, YN	145	184188	0. 1902
7127	YANG, ZJ	218	184124	0. 1901
7128	LIU, LL	340	184089	0. 1901
7129	HU, XL	211	184001	0. 1900
7130	LIU, MX	149	183993	0. 1900
7131	XIE, X	190	183770	0. 1898
7132	LAN, F	95	183748	0. 1898
7133	LIU, YW	269	183694	0. 1897
7134	WU, YR	115	183530	0. 1895
7135	TANG, ZY	122	183468	0. 1895
7136	CHEN, DL	101	183393	0. 1894
7137	FENG, B	137	183216	0. 1892
7138	LI, XP	284	183087	0. 1891
7139	GUO, YJ	176	183051	0. 1890
7140	GONG, L	210	182782	0. 1888
7141	HE, YL	196	182571	0. 1885
7142	XU, ZP	101	182325	0. 1883
7143	FANG, S	95	182252	0. 1882

7144	GHOSH, A	238	182207	0.1882
7145	TAO, M	78	182204	0.1882
7146	PFUNDT, R	123	181954	0.1879
7147	ZHANG, LF	216	181926	0.1879
7148	KIM, EY	77	181861	0.1878
7149	XU, CL	146	181727	0.1877
7150	ZHANG, BJ	79	181720	0.1877
7151	ZHANG, MF	104	181705	0.1876
7152	WANG, WT	149	181567	0.1875
7153	CAO, X	219	181372	0.1873
7154	ROSSI, A	110	181149	0.1871
7155	CHEN, WB	124	181125	0.1870
7156	CHU, J	78	180975	0.1869
7157	GUO, XF	110	180853	0.1868
7158	LI, LS	119	180828	0.1867
7159	YE, P	89	180691	0.1866
7160	LIU, GY	175	180547	0.1864
7161	WEI, Z	161	180491	0.1864
7162	LANG, F	175	180426	0.1863
7163	HUANG, JT	79	180370	0.1863
7164	WU, YL	274	180121	0.1860
7165	SONG, YM	106	180090	0.1860
7166	LUO, Q	251	180042	0.1859
7167	YU, JH	226	179987	0.1859
7168	WANG, ZW	390	179981	0.1859
7169	HUANG, CX	89	179970	0.1859
7170	NAKANISHI, M	95	179827	0.1857
7171	CHEN, HT	132	179654	0.1855
7172	NAKAMURA, S	172	179459	0.1853
7173	JAIN, R	91	179376	0.1852
7174	ZHANG, XG	165	179236	0.1851

7175	XIONG, L	148	179134	0.1850
7176	LIU, ZG	230	179062	0.1849
7177	CHEN, CL	251	178409	0.1842
7178	ZHU, YX	195	177848	0.1837
7179	HOULDEN, H	139	177642	0.1834
7180	FAN, R	97	177621	0.1834
7181	ZHANG, YT	314	177589	0.1834
7182	ZHAO, XH	212	177457	0.1833
7183	SASAKI, K	123	177443	0.1832
7184	YANG, XF	319	177345	0.1831
7185	WANG, CQ	160	177216	0.1830
7186	HE, D	126	177188	0.1830
7187	HU, WW	93	176966	0.1828
7188	FANG, Q	135	176824	0.1826
7189	FU, Q	198	176770	0.1825
7190	HU, ZB	164	176757	0.1825
7191	WANG, WB	168	176679	0.1825
7192	WANG, GY	310	176638	0.1824
7193	HU, YH	274	176613	0.1824
7194	ZHANG, QF	120	176571	0.1823
7195	WATANABE, H	134	176563	0.1823
7196	CHENG, F	150	176559	0.1823
7197	PARK, SM	79	176384	0.1821
7198	BAI, L	212	176238	0.1820
7199	KANG, J	208	175995	0.1817
7200	TAKAHASHI, H	202	175761	0.1815
7201	LEE, CS	81	175662	0.1814
7202	LI, XD	326	175607	0.1813
7203	CHENG, YC	89	175592	0.1813
7204	BOYCOTT, KM	98	175585	0.1813
7205	KATO, K	194	175547	0.1813

7206	MEI, H	100	175393	0.1811
7207	ZHANG, JM	320	175051	0.1808
7208	LI, SG	98	174999	0.1807
7209	JIANG, XL	154	174784	0.1805
7210	DENG, H	157	174740	0.1805
7211	LI, JT	258	174646	0.1804
7212	YU, S	260	174530	0.1802
7213	ZHANG, TZ	91	174336	0.1800
7214	CHEN, MJ	191	174312	0.1800
7215	LIU, CC	214	174294	0.1800
7216	WANG, SM	234	174274	0.1800
7217	JIANG, F	233	174183	0.1799
7218	ZHENG, SS	123	174152	0.1798
7219	QIN, B	92	173670	0.1793
7220	SRIVASTAVA, S	217	173408	0.1791
7221	CHANG, X	110	173370	0.1790
7222	PAN, C	129	173281	0.1789
7223	LIU, SX	189	173262	0.1789
7224	YUAN, XL	156	173197	0.1789
7225	TIAN, S	109	172902	0.1786
7226	XIE, Q	174	172856	0.1785
7227	ZHANG, PF	141	172844	0.1785
7228	ZENG, B	113	172827	0.1785
7229	XU, YJ	290	172774	0.1784
7230	CHEN, BB	106	172162	0.1778
7231	CHEN, SS	231	172154	0.1778
7232	HE, YH	217	172086	0.1777
7233	DING, YQ	118	172001	0.1776
7234	LU, YQ	110	171959	0.1776
7235	YIN, YL	122	171933	0.1776
7236	ZHANG, CH	259	171871	0.1775

7237	HWANG, S	134	171852	0.1775
7238	XU, JM	140	171584	0.1772
7239	WANG, WX	209	171528	0.1771
7240	YANG, YS	144	171480	0.1771
7241	VAN WIJNEN, AJ	146	171453	0.1771
7242	XU, YX	210	171186	0.1768
7243	OH, S	129	171101	0.1767
7244	CUI, X	104	170999	0.1766
7245	TAN, YQ	101	170854	0.1764
7246	WEI, K	87	170815	0.1764
7247	THOMAS, A	106	170796	0.1764
7248	ZENG, YX	93	170757	0.1763
7249	WANG, HQ	195	170647	0.1762
7250	XU, XF	115	170561	0.1761
7251	SUN, QY	188	170453	0.1760
7252	WU, YX	200	170411	0.1760
7253	LI, DH	189	170333	0.1759
7254	CHEN, SB	111	170311	0.1759
7255	SUN, XL	219	170118	0.1757
7256	YANG, QY	140	170033	0.1756
7257	LIM, D	114	169961	0.1755
7258	ZHAO, YJ	315	169854	0.1754
7259	WANG, XZ	252	169713	0.1753
7260	DU, H	128	169707	0.1753
7261	WAN, Y	151	169678	0.1752
7262	GAO, XF	85	169612	0.1752
7263	ZHOU, MY	84	169483	0.1750
7264	ZHAO, LJ	161	169232	0.1748
7265	HUANG, JL	160	169117	0.1746
7266	ZHANG, JC	229	169052	0.1746
7267	HE, LJ	106	168819	0.1743

7268	LI, HR	152	168766	0.1743
7269	SU, X	146	168658	0.1742
7270	HE, JX	93	168617	0.1741
7271	THOMAS, D	87	168597	0.1741
7272	HUANG, JH	237	168554	0.1741
7273	YAN, D	135	168489	0.1740
7274	ZHONG, X	119	168342	0.1738
7275	KIM, N	178	168326	0.1738
7276	LI, MM	220	168311	0.1738
7277	SHEN, HB	111	168134	0.1736
7278	SUN, LY	206	167815	0.1733
7279	FAN, ZP	89	167775	0.1733
7280	CHANG, Q	130	167746	0.1732
7281	YANG, HL	233	167571	0.1730
7282	XU, JS	115	167566	0.1730
7283	WANG, SW	198	167558	0.1730
7284	WANG, YK	210	167376	0.1728
7285	XU, JK	149	167315	0.1728
7286	LI, QH	222	167049	0.1725
7287	TAO, Y	191	166982	0.1724
7288	YOUSEFI, M	104	166890	0.1723
7289	TANG, B	174	166866	0.1723
7290	CUI, L	190	166672	0.1721
7291	JI, F	108	166626	0.1721
7292	LEE, T	122	166571	0.1720
7293	GAO, G	98	166529	0.1720
7294	SUN, YM	159	166525	0.1720
7295	SONG, XY	211	166461	0.1719
7296	ZHANG, SH	403	166400	0.1718
7297	LIN, WC	102	166325	0.1718
7298	YANG, LL	257	166301	0.1717

7299	ITO, T	183	166252	0.1717
7300	SASAKI, T	155	166239	0.1717
7301	ZHU, JW	98	166202	0.1716
7302	PENG, JY	97	166018	0.1714
7303	LIANG, D	167	166005	0.1714
7304	YU, JY	157	165931	0.1714
7305	LI, HM	323	165730	0.1711
7306	CHEN, HQ	150	165618	0.1710
7307	ZHANG, QH	181	165534	0.1709
7308	FAN, M	86	165522	0.1709
7309	NGUYEN, H	119	165374	0.1708
7310	LIU, WD	85	165086	0.1705
7311	PARK, HJ	190	165032	0.1704
7312	LI, DJ	142	164913	0.1703
7313	YUAN, YF	105	164738	0.1701
7314	WANG, RQ	99	164629	0.1700
7315	LI, ST	181	164529	0.1699
7316	LIU, WL	208	164502	0.1699
7317	SIMON, M	96	164442	0.1698
7318	LI, WQ	222	164234	0.1696
7319	ZHANG, GQ	167	164117	0.1695
7320	LEE, HS	209	164113	0.1695
7321	XIE, YH	112	164025	0.1694
7322	SINGH, P	300	163964	0.1693
7323	YAMAGUCHI, K	117	163906	0.1693
7324	LI, LL	375	163835	0.1692
7325	ZHU, LH	99	163818	0.1692
7326	LIU, YB	270	163765	0.1691
7327	HU, Z	146	163452	0.1688
7328	KIM, JM	156	162957	0.1683
7329	YANG, YJ	373	162936	0.1683

7330	WU, YS	140	162793	0.1681
7331	WEI, F	134	162389	0.1677
7332	ZHOU, HY	197	162156	0.1675
7333	ZHANG, RZ	95	162100	0.1674
7334	MA, XY	297	162095	0.1674
7335	LI, MZ	280	161977	0.1673
7336	WANG, XT	295	161972	0.1673
7337	TANG, QZ	97	161848	0.1671
7338	QU, Y	174	161666	0.1670
7339	LI, XQ	361	161362	0.1666
7340	YANG, HB	102	161347	0.1666
7341	ZHOU, JM	103	161287	0.1666
7342	CHEN, YK	103	161207	0.1665
7343	GUO, JY	148	161090	0.1664
7344	LI, HC	175	160992	0.1663
7345	PAN, Q	159	160977	0.1662
7346	KLEEFSTRA, T	90	160875	0.1661
7347	XIONG, H	115	160777	0.1660
7348	LIU, QZ	91	160765	0.1660
7349	ZHU, LJ	176	160627	0.1659
7350	WANG, XK	128	160514	0.1658
7351	ZHANG, MH	204	160502	0.1657
7352	TANG, X	190	160469	0.1657
7353	CHEN, RY	92	160442	0.1657
7354	LIU, XR	154	160268	0.1655
7355	LIU, XZ	296	160260	0.1655
7356	YAO, C	92	160041	0.1653
7357	LI, ZX	310	160040	0.1653
7358	FU, L	182	159991	0.1652
7359	LIU, CM	124	159988	0.1652
7360	YAMAMOTO, H	133	159979	0.1652

7361	KAUR, P	88	159868	0.1651
7362	SHENG, Y	94	159648	0.1649
7363	SUN, JM	109	159624	0.1648
7364	TANG, YY	129	159451	0.1647
7365	SHI, C	137	159315	0.1645
7366	LI, YG	162	159227	0.1644
7367	SUN, XJ	196	159201	0.1644
7368	CHEN, JL	381	159166	0.1644
7369	LU, F	204	159145	0.1643
7370	KANG, Y	196	159117	0.1643
7371	ZHENG, C	134	158941	0.1641
7372	YANG, ZL	182	158837	0.1640
7373	WU, ZJ	175	158763	0.1640
7374	YANG, XM	281	158646	0.1638
7375	LI, XZ	272	158275	0.1634
7376	SONG, P	123	158258	0.1634
7377	YU, YH	174	158250	0.1634
7378	ZHOU, ZC	90	158085	0.1633
7379	ZHANG, QL	202	158031	0.1632
7380	ZHOU, HM	98	157990	0.1632
7381	INOUE, T	140	157974	0.1631
7382	WU, SJ	149	157786	0.1629
7383	WU, YJ	324	157707	0.1629
7384	GUO, D	136	157686	0.1628
7385	WAN, J	149	157673	0.1628
7386	YU, JM	111	157615	0.1628
7387	ZHANG, LX	219	157541	0.1627
7388	HU, SL	103	157456	0.1626
7389	JI, L	98	157434	0.1626
7390	ZHAO, JY	275	156981	0.1621
7391	ZOU, X	136	156827	0.1620

7392	ZHANG, WF	145	156739	0.1619
7393	HUANG, XZ	96	156671	0.1618
7394	WANG, DD	267	156655	0.1618
7395	WU, SQ	135	156448	0.1616
7396	PARK, JE	116	156427	0.1615
7397	ZHANG, SW	208	156404	0.1615
7398	FISCHER, A	100	156262	0.1614
7399	YANG, HJ	218	156006	0.1611
7400	JUNG, SH	90	155988	0.1611
7401	SONG, M	109	155815	0.1609
7402	WEI, B	130	155631	0.1607
7403	CHEN, WY	211	155627	0.1607
7404	HU, ZQ	156	155595	0.1607
7405	HU, ZH	132	155584	0.1607
7406	LUO, H	262	155353	0.1604
7407	WU, XD	157	155076	0.1601
7408	WANG, MJ	205	154934	0.1600
7409	JIANG, Z	147	154899	0.1600
7410	LI, WB	150	154834	0.1599
7411	XU, HJ	135	154774	0.1598
7412	OKANO, H	165	154723	0.1598
7413	ZHANG, ZX	304	154580	0.1596
7414	CHEN, HB	153	154434	0.1595
7415	SHUKLA, A	147	154321	0.1594
7416	WANG, RY	172	154302	0.1593
7417	SUN, ZY	161	154224	0.1593
7418	YAO, S	113	154188	0.1592
7419	XU, LL	215	154172	0.1592
7420	LU, D	151	154159	0.1592
7421	HE, XY	276	154138	0.1592
7422	DING, H	186	153948	0.1590

7423	HU, HL	140	153929	0.1590
7424	KANG, D	95	153838	0.1589
7425	PENG, S	120	153718	0.1587
7426	ALI, S	194	153616	0.1586
7427	SHI, JH	128	153594	0.1586
7428	ZHANG, DL	127	153465	0.1585
7429	LI, JN	187	153396	0.1584
7430	INOUE, A	92	153357	0.1584
7431	ALI, A	272	153313	0.1583
7432	YU, D	152	153306	0.1583
7433	ZHOU, D	219	153198	0.1582
7434	HAYASHI, T	176	152861	0.1579
7435	YANG, SS	148	152858	0.1579
7436	LEI, M	122	152465	0.1574
7437	ZHANG, ZF	216	152348	0.1573
7438	LUO, JY	146	152247	0.1572
7439	ZHU, XD	139	152214	0.1572
7440	YANG, WH	101	152135	0.1571
7441	ALI, M	173	152105	0.1571
7442	WANG, HR	169	152019	0.1570
7443	CHEN, KY	117	151902	0.1569
7444	CHENG, YY	124	151822	0.1568
7445	ZHANG, SX	195	151804	0.1568
7446	HAYASHI, M	133	151695	0.1567
7447	WU, HY	273	151649	0.1566
7448	HE, H	281	151645	0.1566
7449	HE, S	228	151619	0.1566
7450	ZHANG, SM	192	151407	0.1564
7451	ZENG, T	140	151268	0.1562
7452	SONG, G	135	151251	0.1562
7453	YANG, YD	109	151235	0.1562

7454	XIE, F	165	151199	0.1561
7455	MIAO, Y	166	151122	0.1561
7456	ZHU, LL	140	151077	0.1560
7457	TANG, Q	205	150760	0.1557
7458	XUE, C	110	150745	0.1557
7459	KIM, JJ	127	150562	0.1555
7460	CHEN, LX	214	150528	0.1554
7461	SU, L	175	150522	0.1554
7462	SRINIVASAN, S	110	150435	0.1554
7463	LI, CM	168	150408	0.1553
7464	ZHOU, FF	108	150322	0.1552
7465	ZOU, Q	132	149819	0.1547
7466	XU, JH	255	149717	0.1546
7467	LI, QJ	132	149663	0.1546
7468	WU, SX	104	149634	0.1545
7469	LIU, XW	214	149462	0.1543
7470	FENG, ZH	133	149432	0.1543
7471	TAN, Y	250	149304	0.1542
7472	ZHAO, LY	159	148979	0.1538
7473	XU, XM	186	148971	0.1538
7474	PARK, JY	242	148715	0.1536
7475	CHEN, MM	108	148660	0.1535
7476	ISHIKAWA, T	132	148559	0.1534
7477	TANG, JH	122	148527	0.1534
7478	YAN, S	199	148212	0.1531
7479	LU, YX	115	147964	0.1528
7480	WANG, DL	172	147941	0.1528
7481	LIU, YP	330	147915	0.1527
7482	ZHANG, YS	254	147674	0.1525
7483	ZHU, JH	235	147469	0.1523
7484	MORI, Y	98	147441	0.1523

7485	WEI, C	154	147429	0.1522
7486	ZHU, Z	168	147419	0.1522
7487	REN, H	219	147365	0.1522
7488	PATEL, R	114	147323	0.1521
7489	WU, YF	296	147202	0.1520
7490	CHEN, ZW	206	146958	0.1518
7491	TANG, JY	125	146890	0.1517
7492	YANG, XB	110	146854	0.1517
7493	ZHANG, GF	120	146846	0.1516
7494	LIU, JC	232	146834	0.1516
7495	INOUE, K	167	146827	0.1516
7496	CHANG, L	162	146689	0.1515
7497	LI, QL	214	146687	0.1515
7498	XIA, J	205	146562	0.1514
7499	LI, HP	149	146545	0.1513
7500	SONG, JY	181	146518	0.1513
7501	LI, HZ	245	146480	0.1513
7502	WAGNER, A	107	146330	0.1511
7503	WU, QY	150	146313	0.1511
7504	FAIVRE, L	200	146232	0.1510
7505	LIANG, F	108	146014	0.1508
7506	LI, PY	122	145970	0.1507
7507	SONG, XM	102	145833	0.1506
7508	WANG, SX	251	145805	0.1506
7509	ZHU, ZY	169	145793	0.1506
7510	TAKAHASHI, T	152	145511	0.1503
7511	HAO, J	184	145493	0.1502
7512	LIU, PP	132	145328	0.1501
7513	MAO, L	123	145282	0.1500
7514	LIU, XN	151	145033	0.1498
7515	LIU, HD	129	145017	0.1498

7516	JIANG, XF	97	144975	0.1497
7517	YAMAGUCHI, M	124	144966	0.1497
7518	YANG, HW	110	144946	0.1497
7519	WEI, M	167	144835	0.1496
7520	XU, BH	105	144770	0.1495
7521	ZHU, XQ	205	144700	0.1494
7522	ZHANG, WY	315	144695	0.1494
7523	YUAN, H	244	144688	0.1494
7524	LUO, W	232	144436	0.1492
7525	GAN, L	155	144204	0.1489
7526	LI, LF	217	144106	0.1488
7527	YANG, YM	241	143712	0.1484
7528	XIONG, J	199	143567	0.1483
7529	SU, M	124	143420	0.1481
7530	WANG, QX	136	143388	0.1481
7531	ZHANG, YG	177	143167	0.1478
7532	HAN, K	167	143072	0.1477
7533	LI, HW	210	142814	0.1475
7534	WU, ZY	306	142798	0.1475
7535	WU, MY	156	142750	0.1474
7536	LIU, JN	157	142622	0.1473
7537	LI, WL	252	142621	0.1473
7538	ZHAO, XJ	136	142602	0.1473
7539	WU, CH	154	142518	0.1472
7540	ZHOU, WJ	145	142332	0.1470
7541	WANG, QW	123	142264	0.1469
7542	ZHANG, WB	144	142176	0.1468
7543	YAO, H	190	141897	0.1465
7544	XU, WH	155	141735	0.1464
7545	MA, B	160	141426	0.1460
7546	YE, Y	169	141361	0.1460

7547	XU, ZJ	199	141352	0.1460
7548	LI, FF	159	141270	0.1459
7549	CHEN, CW	111	141218	0.1458
7550	ZHOU, XD	135	141196	0.1458
7551	ZHU, YY	225	141100	0.1457
7552	KATO, Y	182	141065	0.1457
7553	YAO, M	121	140957	0.1456
7554	XU, ZL	120	140918	0.1455
7555	ZHANG, HT	198	140844	0.1454
7556	LUO, P	170	140792	0.1454
7557	LEE, SM	134	140648	0.1452
7558	LIU, HH	234	140565	0.1452
7559	WANG, LX	317	140467	0.1451
7560	GU, YY	109	140252	0.1448
7561	CHENG, K	128	140245	0.1448
7562	LIU, FY	178	140160	0.1447
7563	SINGH, PK	108	140118	0.1447
7564	WU, YT	134	140054	0.1446
7565	HU, Q	220	140027	0.1446
7566	HAN, C	172	139891	0.1445
7567	KIM, DS	129	139887	0.1445
7568	KIM, YH	289	139768	0.1443
7569	LI, WT	168	139653	0.1442
7570	XU, QH	113	139616	0.1442
7571	LU, HY	113	139391	0.1439
7572	LIU, HQ	159	139327	0.1439
7573	ZHAO, ZX	135	139272	0.1438
7574	CHEN, TT	147	139097	0.1436
7575	PENG, F	154	138965	0.1435
7576	CHEN, SX	186	138946	0.1435
7577	ZHANG, SQ	312	138922	0.1435

7578	LI, SX	202	138861	0.1434
7579	MAO, Y	174	138849	0.1434
7580	FENG, S	124	138826	0.1434
7581	SATO, H	117	138793	0.1433
7582	XU, JQ	123	138611	0.1431
7583	CAO, Z	126	138542	0.1431
7584	ZHANG, YN	306	138468	0.1430
7585	SOLEIMANI, M	145	138356	0.1429
7586	ZHOU, ZH	204	138351	0.1429
7587	SONG, B	162	138298	0.1428
7588	ZHONG, H	146	138143	0.1427
7589	PAN, H	172	138052	0.1426
7590	HUANG, YP	134	137987	0.1425
7591	ZHANG, LM	201	137969	0.1425
7592	LEI, L	180	137929	0.1424
7593	LI, XC	274	137832	0.1423
7594	LEE, KH	174	137773	0.1423
7595	HUANG, CY	332	137593	0.1421
7596	WANG, DJ	122	137503	0.1420
7597	ZHOU, XF	132	137363	0.1419
7598	CHEN, MY	237	137295	0.1418
7599	ZHOU, JH	179	137232	0.1417
7600	YANG, SF	140	137232	0.1417
7601	ZHANG, XR	267	137116	0.1416
7602	LEE, CY	130	136981	0.1415
7603	CHEN, WS	121	136948	0.1414
7604	KUMARI, S	127	136868	0.1413
7605	ZHAO, XL	289	136827	0.1413
7606	YAMAGUCHI, T	108	136808	0.1413
7607	ZHAO, JM	187	136741	0.1412
7608	HUANG, YQ	206	136473	0.1409

7609	SEO, J	118	136408	0.1409
7610	SUN, YX	253	136394	0.1409
7611	SUZUKI, M	226	136308	0.1408
7612	ZHANG, HQ	244	136122	0.1406
7613	LI, ML	228	136075	0.1405
7614	FANG, C	166	136050	0.1405
7615	ZHANG, GH	144	135905	0.1403
7616	CUI, YH	140	135739	0.1402
7617	YANG, ML	142	135664	0.1401
7618	OH, SH	108	135664	0.1401
7619	HUANG, ZQ	151	135614	0.1400
7620	YANG, WJ	272	134679	0.1391
7621	LIU, YR	157	134675	0.1391
7622	JIANG, LY	141	134631	0.1390
7623	YANG, JC	139	134625	0.1390
7624	AVAN, A	137	134574	0.1390
7625	ZHOU, ZG	112	134477	0.1389
7626	FUJITA, Y	115	134362	0.1388
7627	TANAKA, S	195	134244	0.1386
7628	LI, SW	182	134044	0.1384
7629	ZHAO, YT	145	134003	0.1384
7630	SHEN, Q	169	133910	0.1383
7631	GUO, S	234	133673	0.1380
7632	LI, HD	124	133577	0.1379
7633	ZHANG, ZR	185	133571	0.1379
7634	LI, MJ	234	133545	0.1379
7635	ZHOU, YX	199	133411	0.1378
7636	LI, CC	223	133301	0.1377
7637	SUN, XM	135	133284	0.1376
7638	PENG, X	194	133252	0.1376
7639	ZHAO, YZ	121	133218	0.1376

7640	WANG, WC	163	133154	0.1375
7641	XU, HM	158	133132	0.1375
7642	LU, YH	133	132815	0.1372
7643	LIU, LM	122	132712	0.1371
7644	ZHANG, WZ	138	132692	0.1370
7645	LIN, CC	185	132668	0.1370
7646	JIANG, YX	144	132660	0.1370
7647	WEI, YL	133	132636	0.1370
7648	YANG, CY	230	132607	0.1369
7649	CHEN, GY	166	132493	0.1368
7650	ZHANG, QQ	283	132397	0.1367
7651	ZHANG, SP	154	132098	0.1364
7652	ZENG, C	130	131891	0.1362
7653	LIU, PF	168	131712	0.1360
7654	ZHANG, RX	180	131706	0.1360
7655	GUO, HY	155	131700	0.1360
7656	LIANG, YJ	111	131664	0.1360
7657	TANG, YJ	121	131372	0.1357
7658	WANG, DY	250	131355	0.1356
7659	CHEN, ZQ	217	131339	0.1356
7660	PARK, YS	112	131165	0.1355
7661	LI, ZM	268	131127	0.1354
7662	LI, DD	237	130974	0.1353
7663	LV, Y	215	130952	0.1352
7664	LIU, DY	157	130691	0.1350
7665	GUO, LL	130	130636	0.1349
7666	CHEN, LQ	108	130561	0.1348
7667	KANG, L	170	130160	0.1344
7668	YANG, LH	133	130125	0.1344
7669	LIU, MH	155	129825	0.1341
7670	LUO, L	261	129580	0.1338

7671	FAN, H	125	129428	0.1337
7672	TIAN, X	166	129307	0.1335
7673	HAN, YL	110	129270	0.1335
7674	MA, YH	188	129163	0.1334
7675	CHEN, YZ	242	129106	0.1333
7676	YAMADA, M	147	129039	0.1333
7677	SUN, JJ	178	129001	0.1332
7678	LI, CG	112	128934	0.1331
7679	YU, SY	161	128861	0.1331
7680	MA, YL	205	128860	0.1331
7681	ROSSI, M	121	128823	0.1330
7682	GUO, T	199	128803	0.1330
7683	WEI, H	187	128658	0.1329
7684	ZHOU, HJ	155	128490	0.1327
7685	LI, WD	148	128446	0.1326
7686	WU, JL	191	128431	0.1326
7687	LIU, YN	229	128393	0.1326
7688	XIA, X	125	128176	0.1324
7689	CAO, XY	138	128126	0.1323
7690	JIANG, YQ	142	127903	0.1321
7691	ZHAO, YF	209	127602	0.1318
7692	ABE, T	153	127592	0.1318
7693	ZHOU, HH	119	127555	0.1317
7694	SATO, S	203	127278	0.1314
7695	HUANG, YM	150	127269	0.1314
7696	LIN, CH	231	127231	0.1314
7697	ZHAO, MY	117	127094	0.1312
7698	YIN, X	128	127008	0.1312
7699	LIU, JM	218	126948	0.1311
7700	KIM, G	136	126689	0.1308
7701	TARTAGLIA, M	174	126644	0.1308

7702	KIM, MJ	297	126051	0.1302
7703	GUO, Z	167	125758	0.1299
7704	ZHANG, JR	149	125728	0.1298
7705	ISIDOR, B	144	125663	0.1298
7706	HU, ZY	140	125652	0.1298
7707	CHAI, Y	115	125623	0.1297
7708	ZHAO, LL	179	125341	0.1294
7709	WU, SS	132	125131	0.1292
7710	PENG, Q	160	124819	0.1289
7711	LIN, N	153	124706	0.1288
7712	GUAN, Y	124	124613	0.1287
7713	WANG, GQ	143	124604	0.1287
7714	LI, QF	182	124274	0.1283
7715	ZHANG, ZC	241	124092	0.1281
7716	KWON, Y	114	123934	0.1280
7717	LI, RY	116	123890	0.1279
7718	SONG, K	137	123888	0.1279
7719	SU, Q	140	123837	0.1279
7720	PAN, XY	142	123819	0.1279
7721	LIN, YC	230	123695	0.1277
7722	GE, JB	113	123512	0.1275
7723	ZOU, Y	266	122980	0.1270
7724	HE, P	201	122908	0.1269
7725	HONG, S	146	122857	0.1269
7726	ZHANG, XB	230	122853	0.1269
7727	INOUE, Y	127	122673	0.1267
7728	ZHANG, DM	144	122543	0.1265
7729	XU, XH	199	122388	0.1264
7730	CHEN, DY	194	122311	0.1263
7731	CHEN, JQ	217	121964	0.1260
7732	CHEN, SQ	218	121916	0.1259

7733	LIN, YX	124	121889	0.1259
7734	LI, JR	207	121834	0.1258
7735	LI, XS	177	121687	0.1257
7736	CHEN, WC	147	121597	0.1256
7737	JEONG, H	123	121578	0.1256
7738	ZHAO, ZH	277	121352	0.1253
7739	FAN, YB	143	121326	0.1253
7740	ZHANG, BY	182	121255	0.1252
7741	ZHU, JF	121	121220	0.1252
7742	MA, YJ	143	121085	0.1250
7743	LIU, QY	251	121065	0.1250
7744	WANG, QF	143	121014	0.1250
7745	CHEN, LB	128	120861	0.1248
7746	SINGH, V	155	120739	0.1247
7747	FENG, JF	132	120407	0.1243
7748	LI, BJ	162	120282	0.1242
7749	LUO, C	189	120028	0.1240
7750	TIAN, R	127	119939	0.1239
7751	CHAKRABORTY, S	235	119908	0.1238
7752	DONG, Q	187	119792	0.1237
7753	GONG, H	118	119623	0.1235
7754	ZHAO, SL	137	119379	0.1233
7755	WANG, QL	224	118932	0.1228
7756	ZHANG, DW	123	118888	0.1228
7757	DING, N	133	118743	0.1226
7758	SHIN, S	166	118628	0.1225
7759	XIE, ZY	128	118525	0.1224
7760	LEE, KY	143	118360	0.1222
7761	LI, ZK	120	118146	0.1220
7762	CUI, W	158	118081	0.1219
7763	XU, HY	258	118030	0.1219

7764	CHEN, GH	217	117999	0.1219
7765	GAO, YJ	125	117965	0.1218
7766	SUN, JL	123	117965	0.1218
7767	YANG, CL	151	117879	0.1217
7768	LIANG, XY	153	117799	0.1216
7769	JIANG, ZY	142	117624	0.1215
7770	LIU, LQ	167	117528	0.1214
7771	HU, S	189	117445	0.1213
7772	MA, K	147	117322	0.1212
7773	XU, ZY	302	117294	0.1211
7774	DU, X	185	117095	0.1209
7775	LI, DL	169	117071	0.1209
7776	WU, SH	151	116969	0.1208
7777	KEREN, B	126	116905	0.1207
7778	XU, YP	140	116860	0.1207
7779	LIU, SC	187	116682	0.1205
7780	XIE, Z	120	116576	0.1204
7781	LIU, ZL	252	116466	0.1203
7782	LIU, XB	185	116443	0.1202
7783	HUANG, YX	216	116352	0.1202
7784	GAO, B	222	116327	0.1201
7785	HAN, D	159	116148	0.1199
7786	ZHENG, B	152	116143	0.1199
7787	WANG, FF	164	116126	0.1199
7788	LUO, F	145	116115	0.1199
7789	HUANG, HJ	146	115933	0.1197
7790	SUN, HX	128	115602	0.1194
7791	FENG, C	165	115594	0.1194
7792	CHEN, XD	224	115430	0.1192
7793	AHMED, S	192	115320	0.1191
7794	WANG, MC	127	115308	0.1191

7795	HUANG, LY	129	115089	0.1189
7796	XU, YT	129	114854	0.1186
7797	ZHU, JL	127	114739	0.1185
7798	ZHOU, XM	229	114410	0.1181
7799	YU, ZL	125	114307	0.1180
7800	CHEN, MX	127	114300	0.1180
7801	LIU, QL	146	114298	0.1180
7802	WEI, XY	171	114283	0.1180
7803	WEN, Y	182	114107	0.1178
7804	CAO, C	146	114036	0.1178
7805	LIU, HX	192	113836	0.1176
7806	ZHAO, XD	145	113777	0.1175
7807	HU, YY	174	113309	0.1170
7808	YANG, CH	208	113007	0.1167
7809	ZHANG, YB	258	113001	0.1167
7810	HUANG, SJ	126	112866	0.1166
7811	YUAN, C	156	112804	0.1165
7812	ZHANG, TY	217	112624	0.1163
7813	SONG, F	145	112458	0.1161
7814	YANG, LY	184	112451	0.1161
7815	KHAN, MA	169	112133	0.1158
7816	CHEN, LF	126	112131	0.1158
7817	ZHAO, WJ	142	112119	0.1158
7818	SUN, CY	146	112087	0.1158
7819	HE, YF	151	112038	0.1157
7820	MA, F	145	111994	0.1157
7821	ZHU, SY	140	111961	0.1156
7822	LU, JY	160	111868	0.1155
7823	FAN, L	173	110902	0.1145
7824	ZHANG, WC	149	110893	0.1145
7825	CHEN, TY	148	110781	0.1144

7826	HUANG, CC	154	110672	0.1143
7827	HU, YL	154	110509	0.1141
7828	WANG, YW	340	110506	0.1141
7829	FANG, F	184	110446	0.1141
7830	LI, ZS	155	110159	0.1138
7831	DING, M	141	110084	0.1137
7832	HAN, M	167	109979	0.1136
7833	GUO, XH	144	109615	0.1132
7834	MA, XJ	172	109592	0.1132
7835	JIANG, YF	135	109181	0.1127
7836	HUANG, JW	134	109137	0.1127
7837	YANG, DH	140	108977	0.1125
7838	KIM, DW	134	108937	0.1125
7839	LIU, WH	180	108835	0.1124
7840	ZHAO, SH	152	108537	0.1121
7841	SUN, YF	148	108537	0.1121
7842	HE, K	149	108460	0.1120
7843	WANG, JK	189	108398	0.1119
7844	LIU, HM	256	107812	0.1113
7845	XU, YZ	149	107587	0.1111
7846	LEE, HY	155	107546	0.1111
7847	HU, F	165	107532	0.1110
7848	ZHU, WJ	139	107486	0.1110
7849	SHARMA, M	184	107137	0.1106
7850	YANG, LJ	153	106883	0.1104
7851	HUANG, JF	168	106672	0.1102
7852	ZHANG, SF	170	106663	0.1101
7853	HUANG, YZ	204	106596	0.1101
7854	LI, JP	230	106410	0.1099
7855	WANG, LZ	146	106274	0.1097
7856	YAMADA, Y	184	106261	0.1097

7857	JIANG, XH	176	106148	0.1096
7858	YUAN, F	176	105921	0.1094
7859	ZHOU, WH	147	105181	0.1086
7860	KANG, JH	175	104940	0.1084
7861	DONG, C	144	104725	0.1081
7862	WANG, SF	143	104722	0.1081
7863	WANG, SP	134	104514	0.1079
7864	WANG, WD	134	104383	0.1078
7865	LI, ZZ	291	103950	0.1073
7866	CHOI, JH	212	103834	0.1072
7867	GUO, R	222	103572	0.1070
7868	MIYAKE, N	143	103457	0.1068
7869	WANG, RJ	176	103408	0.1068
7870	LI, YT	241	103252	0.1066
7871	SINGH, AK	226	102811	0.1062
7872	ZHENG, Q	148	102451	0.1058
7873	YAN, F	165	102289	0.1056
7874	WANG, CD	156	102155	0.1055
7875	ZHANG, SZ	146	102150	0.1055
7876	WANG, JN	160	101763	0.1051
7877	YANG, YX	237	101665	0.1050
7878	LIN, M	201	101475	0.1048
7879	ZHANG, BL	140	101370	0.1047
7880	LIU, DW	146	101368	0.1047
7881	ZHOU, JW	149	101282	0.1046
7882	ZHOU, YQ	200	101160	0.1045
7883	KOBAYASHI, K	164	100771	0.1041
7884	ZHU, T	234	100672	0.1040
7885	LIU, XC	222	100617	0.1039
7886	KONDO, T	206	100532	0.1038
7887	MENG, J	177	100359	0.1036

7888	FANG, X	174	100314	0.1036
7889	ZHANG, MZ	205	100113	0.1034
7890	LIU, TT	243	100030	0.1033
7891	MA, CY	177	99911	0.1032
7892	HUANG, JJ	203	99586	0.1028
7893	ZHANG, GX	150	99447	0.1027
7894	WU, XM	170	99404	0.1027
7895	WANG, BL	145	99071	0.1023
7896	MA, R	201	98723	0.1019
7897	QI, Y	209	98609	0.1018
7898	WANG, DM	145	98481	0.1017
7899	ZHANG, LP	206	98347	0.1016
7900	LI, LX	196	98270	0.1015
7901	MISHRA, S	148	97673	0.1009
7902	SUN, YY	261	97520	0.1007
7903	LIU, ZZ	192	97288	0.1005
7904	HUANG, YC	229	97279	0.1005
7905	GUO, YX	173	97235	0.1004
7906	MA, W	171	97172	0.1003
7907	LI, LP	145	96302	0.0994
7908	LU, ZY	153	95865	0.0990
7909	ZHANG, YK	179	95781	0.0989
7910	LIU, WW	212	95294	0.0984
7911	LIN, JH	147	95271	0.0984
7912	ZHAO, YQ	221	95247	0.0984
7913	LI, GX	168	95240	0.0984
7914	LI, SM	218	95220	0.0983
7915	ZHOU, SY	169	94942	0.0980
7916	LI, SP	157	94766	0.0979
7917	WANG, RX	192	94639	0.0977
7918	SUN, JY	195	94619	0.0977

7919	SUZUKI, S	170	94532	0.0976
7920	GAO, YH	179	94517	0.0976
7921	KOBAYASHI, M	173	94311	0.0974
7922	LI, YB	213	94193	0.0973
7923	WANG, ZB	206	94158	0.0972
7924	ZHAO, XM	156	94114	0.0972
7925	SHEN, W	194	93961	0.0970
7926	WANG, WH	205	93622	0.0967
7927	CHOI, Y	190	93380	0.0964
7928	TAO, L	154	93209	0.0963
7929	LIU, ZC	211	93072	0.0961
7930	LIN, YL	152	92599	0.0956
7931	SAITO, K	181	92371	0.0954
7932	PARK, C	204	91926	0.0949
7933	CHEN, ZZ	178	91325	0.0943
7934	HU, P	210	90514	0.0935
7935	ZHANG, HR	156	90297	0.0932
7936	LIU, MJ	162	90161	0.0931
7937	YANG, MY	179	90056	0.0930
7938	SUN, JH	183	89881	0.0928
7939	ZHOU, N	163	89796	0.0927
7940	ZHANG, JG	205	89726	0.0927
7941	ZHU, HY	193	88950	0.0919
7942	HE, YJ	158	88733	0.0916
7943	ZHOU, XH	191	88721	0.0916
7944	XU, SY	173	87280	0.0901
7945	WANG, CJ	195	87244	0.0901
7946	YAMADA, S	160	87091	0.0899
7947	BAI, X	172	87075	0.0899
7948	YANG, YT	166	86526	0.0894
7949	WANG, BY	192	85663	0.0885

7950	ZHANG, JN	189	85588	0.0884
7951	PARK, HS	169	85341	0.0881
7952	LIU, CJ	182	85323	0.0881
7953	ZHANG, HP	227	84306	0.0871
7954	CHEN, LH	182	84069	0.0868
7955	SUN, P	200	83559	0.0863
7956	SHIMIZU, T	182	83108	0.0858
7957	ZHENG, XY	194	82724	0.0854
7958	HAN, W	176	81415	0.0841
7959	MA, JY	188	80785	0.0834
7960	LI, SF	191	79958	0.0826
7961	ZHOU, XL	233	79040	0.0816
7962	XUE, L	178	78933	0.0815
7963	GUO, XL	186	78760	0.0813
7964	LI, JC	281	78259	0.0808
7965	LIU, LJ	243	77768	0.0803
7966	YANG, XX	204	77591	0.0801
7967	HUANG, XL	216	76034	0.0785
7968	ZHU, YJ	207	75833	0.0783
7969	CHEN, SC	187	74800	0.0772
7970	XIAO, H	247	74362	0.0768
7971	XU, N	215	72011	0.0744
7972	ZHANG, WX	198	71478	0.0738
7973	WU, WJ	202	69227	0.0715
7974	HUANG, ZH	209	67477	0.0697
7975	LI, WX	260	65804	0.0680
7976	LI, SB	224	64825	0.0669

Note: 1. The data of Web of Science Documents, Cites, Cites/Paper are from Essential Science Indicators of Clarivate Analytics/Thomson Reuters.

被引论文数, 论文总被引用次数, 篇均引用采自Clarivate Analytics/Thomson Reuters的Essential Science Indicators

2. The result data is 11 years equivalent

评估结果是11年等值数据

3. You are appreciated to offer any suggestions and comments.

任何建议或评论, 不胜感谢。

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