

Supplemental Table S1A: Non-imputed dataset of 2353 total proteins identified by LC-MS/MS. LFQ

Gene names	Log2(LFQ Col8/-_1)	Log2(LFQ Col8/-_2)	Log2(LFQ Col8/-_3)	Log2(LFQ Col8/-_4)
A2m	30.1752	29.559	29.9348	29.6048
Aars	24.8954	24.8772	25.2221	25.3941
Aarsd1	nd	19.4085	nd	nd
Abat	24.1729	24.6979	24.1034	24.6238
Abca8b	nd	21.6086	22.1675	23.0636
Abcc9	22.9182	22.7197	22.9011	23.0511
Abcd3	23.1275	23.7077	23.5201	23.2551
Abce1	23.2046	22.8244	23.4336	23.0576
Abcf1	21.1929	21.8441	21.3061	21.8376
Abhd11	23.9318	24.2601	23.9116	23.9168
Abhd12	24.2133	24.171	24.5714	24.9026
Abhd14b	25.3643	25.2582	25.2334	25.6966
Abhd16a	24.4433	24.5962	24.8626	24.8759
Abhd5	24.0924	23.6917	23.851	nd
Abi1	nd	nd	22.7955	23.1557
Ablim1	nd	22.5933	22.3511	22.5767
Abrac1	25.2887	25.4188	25.4379	25.6657
Acaa1a	25.7271	25.9769	25.6175	26.1708
Acaa2	29.8939	30.2476	29.1503	28.6866
Acaca	25.1661	25.6275	25.1302	24.3431
Acad10	22.4294	22.2961	22.3229	22.3916
Acad9	23.9717	24.1245	23.4846	23.7214
Acad1	29.1822	29.283	28.4522	27.7478
Acadm	29.1581	29.4424	28.4932	27.9838
Acads	27.633	27.7423	26.9259	27.0642
Acadsb	25.8605	25.7516	25.2978	25.1316
Acadv1	28.7889	28.9891	28.003	27.7605
Acan	27.4975	27.3155	27.3675	27.6376
Acat1	29.2883	29.2424	29.0791	28.7377
Acat2	25.157	25.2786	25.0351	25.2797
Ace	29.1336	29.1193	28.9622	28.9756
Acin1	23.1154	23.1509	22.8627	nd
Acly	27.8934	28.549	28.1572	27.9335
Aco1	26.7273	26.8351	26.6058	26.7807
Aco2	30.5392	30.7951	29.9355	29.3591
Acot11	22.8002	23.4769	22.8871	23.1366
Acot13	23.9328	24.5359	23.4303	23.8882
Acot2	25.2379	25.6122	25.173	25.4665

Acot7	22.5036	22.4322	23.5554	22.8631
Acot9	26.3442	26.6539	26.5806	26.8289
Acp1	25.1476	25.1225	24.5553	24.9565
Acsf2	21.9765	22.7564	22.5203	nd
Acsf3	nd	20.7799	19.8333	20.2676
Acsl1	28.7009	28.7755	28.1801	27.8699
Acsl5	20.6712	20.826	nd	21.2246
Acta2	32.2293	32.3105	32.3541	32.3972
Actb	28.1235	27.2797	28.0111	27.4807
Actc1	35.3517	35.4051	35.5034	35.6436
Actg1	33.4716	33.5517	33.6036	33.697
Actl6a	22.0076	23.2178	23.1137	22.8818
Actn1	32.1333	32.0753	32.2614	32.1761
Actn4	29.3428	29.1207	29.4464	29.3833
Actr10	22.6744	23.2463	24.137	23.4383
Actr1a	24.6573	24.7953	24.6276	24.6918
Actr1b	27.1291	27.0086	26.7455	27.287
Actr2	28.0307	28.2783	28.2064	28.5662
Actr3	29.4646	29.4822	29.4432	29.6869
Acyp1	24.0346	24.1324	23.5352	23.7576
Adam10	20.9909	20.832	21.7814	nd
Adamtsl4	23.0404	23.4197	22.8806	nd
Adck3	24.7816	24.8412	24.0156	24.3846
Adcy5	25.1151	25.3154	25.0662	25.2961
Adcy7	21.8312	21.7722	21.3995	21.5772
Add1	26.0907	26.2557	26.2817	26.4599
Add3	23.5544	23.1158	23.6431	23.7807
Adh1	24.9122	24.9943	24.6579	24.5069
Adh5	26.7493	26.9765	26.7667	26.6326
Adh7	23.2828	24.0233	22.7063	22.6083
Adipoq	24.7611	25.1717	25.3228	25.2444
Adk	25.9558	25.9671	25.0993	25.4246
Adpgk	21.5303	21.653	21.9474	21.4988
Adrbk2	21.8575	21.97	nd	22.6006
Adrm1	21.2983	21.2327	nd	21.3426
Adsl	25.5445	25.6031	25.3941	25.8418
Adssl1	22.5507	22.1655	22.4975	22.0997
Aebp1	28.496	28.4728	28.386	28.3564
Afg3l2	22.5985	22.5209	22.4825	22.7487
Afm	20.9349	20.5984	20.4689	nd
Ag2	22.4193	22.5876	22.7016	22.744

Aga	23.0756	23.0495	nd	23.0226
Agk	23.6569	23.5899	nd	24.2326
Ago2	23.2255	23.159	24.0998	nd
Agpat2	22.5467	22.6401	22.3284	22.3925
Agrn	25.4268	25.0267	25.5367	25.1603
Ahcy	26.097	26.5129	26.7538	26.4008
Ahcyl1	23.4257	23.8669	23.7032	23.3464
Ahsa1	23.4751	24.2455	24.1614	24.3468
Ahsg	29.9038	29.3416	29.8871	29.3405
Aifm1	24.8434	25.0092	24.3705	24.6249
Aifm2	nd	22.721	22.5038	23.1465
Aimp1	24.6508	24.9309	24.6981	25.3186
Aimp2	23.5371	24.2266	23.6238	24.0792
Aip	nd	22.9557	23.0835	23.7303
Ak1	27.2541	27.4925	27.3903	27.5611
Ak2	26.9152	27.1178	26.5502	26.5633
Ak3	27.2277	27.1264	27.203	27.0941
Akap12	25.6637	25.7655	25.9759	26.302
Akr1a1	26.9854	26.9374	27.1676	27.1736
Akr1b1	27.8389	27.8535	27.8289	27.9028
Akr1b7	23.7476	24.0439	23.7042	23.8549
Akr1b8	25.6174	25.7712	25.0752	25.4913
Akr7a2	24.7111	24.9336	24.4083	24.7534
Akt1s1	21.5846	22.0041	22.1987	22.0075
Alad	23.3153	22.6089	22.5909	23.3867
Alb	34.4405	33.8773	34.3818	33.7432
Alcam	24.2494	24.7919	24.3688	24.8937
Aldh16a1	19.9669	20.4931	20.4868	20.5496
Aldh18a1	21.6641	nd	22.0717	22.4599
Aldh1a1	24.0058	23.2409	24.8615	23.808
Aldh1l2	nd	23.0054	22.22	23.2221
Aldh2	30.659	30.6586	30.6484	30.6428
Aldh3a2	25.6607	25.921	26.0268	26.0192
Aldh4a1	24.6385	24.5091	24.6407	23.6609
Aldh5a1	21.9334	22.2127	22.485	21.9135
Aldh6a1	28.0805	28.2507	27.7409	28.198
Aldh7a1	26.6641	26.7622	26.6974	26.8351
Aldh9a1	25.396	25.8089	25.4639	25.6745
Aldoa	29.396	29.5782	29.5903	29.3249
Alg2	21.7334	22.2653	21.7033	21.5984
Alox5ap	20.7815	20.5632	20.953	21.5061

Alyref	24.112	24.0839	24.3457	23.9057
Anapc1	21.9553	23.2871	22.0025	22.4804
Ank1	27.5746	26.8979	26.8829	27.2591
Ank2	23.2498	23.0724	23.4256	23.2808
Ankfy1	22.2082	20.856	20.1898	20.3993
Ano10	24.9412	24.1157	24.1341	24.4127
Ano6	25.0869	24.8524	24.9743	25.2248
Anp32a	25.2273	25.2045	24.886	25.3085
Anp32b	24.7351	24.9559	24.9203	24.8617
Anp32e	24.9522	25.2586	25.0307	25.0583
Anpep	28.3732	28.4575	28.523	28.6589
Anxa1	29.5096	29.3725	29.5996	29.5716
Anxa11	27.6339	27.7199	27.6344	27.7751
Anxa2	32.1176	32.074	32.1666	32.1908
Anxa3	28.4236	28.3567	28.3406	28.5661
Anxa4	27.447	27.4587	27.3796	27.4926
Anxa5	30.8485	30.9007	30.9265	31.0247
Anxa6	31.2408	31.2843	31.3773	31.3697
Anxa7	27.564	27.5327	27.707	27.6204
Aoc3	31.618	31.7334	31.6208	31.8085
Aox1	23.145	23.4283	23.1684	23.4349
Ap1b1	24.6374	24.5938	24.4974	24.3637
Ap1g1	22.5566	23.0401	22.5599	23.2162
Ap2a1	26.9328	27.0726	26.9147	27.1978
Ap2a2	27.8178	28.0632	27.8766	28.2188
Ap2b1	27.7677	27.8997	27.8339	28.1539
Ap2m1	26.5721	26.7098	26.615	26.5734
Ap2s1	24.5052	24.8878	24.0598	24.8542
Ap3b1	23.6229	24.0261	23.7187	24.3391
Ap3d1	22.6922	22.8012	22.6395	22.655
Apeh	22.5081	23.1074	22.1278	nd
Apex1	23.6935	23.7678	22.3247	23.7322
Api5	24.211	24.1602	23.9997	24.4405
Apmap	22.6961	23.5647	23.4012	nd
Apoa1	29.3463	28.2736	29.1358	27.9359
Apoa1bp	26.8283	26.9141	27.0591	26.8448
Apoa2	26.2228	25.3488	25.4857	25.0248
Apoa4	27.5782	27.033	27.1622	26.6409
Apoc1	25.2844	24.1987	24.4463	24.1278
Apoc2	24.2407	23.8917	23.9983	nd
Apoe	25.5957	24.9617	25.5049	25.2336

Apoh	27.2354	26.996	27.2145	27.4177
Apoo	22.8894	23.0221	22.3987	21.9841
Apool	24.0111	24.6733	23.9559	24.6353
App	23.5427	23.0557	24.2743	23.7959
Appl1	24.3621	24.2257	24.2478	24.0697
Aprt	24.8819	24.9952	24.7988	25.2716
Aqp1	25.179	26.1737	26.1293	25.4376
Arcn1	24.8447	24.8443	25.3633	25.0026
Arf1	27.3432	27.4795	27.2278	27.3242
Arf2	21.336	21.5131	21.8188	21.834
Arf4	25.9005	26.5658	25.8138	26.1247
Arf5	23.0945	23.0273	23.1405	23.3995
Arf6	22.2065	22.9054	21.9585	21.6762
Arfgef2	20.7249	20.5828	20.7233	20.8847
Arhgap1	26.3223	26.4232	26.3444	26.5144
Arhgap17	22.8588	23.6912	23.4847	23.5453
Arhgap32	nd	27.5667	27.6439	27.7396
Arhgdia	28.4365	28.246	28.5054	28.2637
Arhgdib	23.6383	23.5575	23.8286	23.8412
Arhgef2	23.4331	23.6948	23.6412	23.4143
Arhgef7	nd	nd	20.5206	23.6506
Arl1	23.7391	23.8675	23.8886	23.7933
Arl3	24.8875	25.1383	25.0869	25.3497
Arl6ip1	21.7702	22.5243	22.7671	22.4728
Arl6ip5	25.8359	25.6994	25.8462	25.6352
Arl8b	24.9368	25.1337	25.0129	25.0425
Armc1	23.6739	23.9911	23.8856	24.1018
Arpc1b	28.1638	28.6387	28.1676	28.6415
Arpc2	27.5393	27.5237	27.2444	27.3
Arpc3	27.6892	27.6502	27.7476	27.7027
Arpc4	28.1781	28.3226	28.2759	28.3632
Arpc5	25.4409	25.3139	25.4167	25.6393
Arpc5l	24.4519	24.6024	24.3975	24.808
Asah1	24.9262	25.0518	25.255	25.5356
Asl	23.7195	23.4996	23.5138	22.8293
Asna1	22.8874	23.9892	23.51	24.1793
Asph	25.8424	25.9418	26.2537	26.1352
Aspn	31.6034	31.4279	31.6737	31.7264
Asrgl1	nd	21.9573	nd	22.3016
Atad3	22.0006	22.3746	21.9066	21.846
Atg5	23.1448	23.0663	22.9767	23.2558

Atg7	22.0534	22.6157	21.8834	23.0463
Atic	27.3204	27.3572	27.3558	27.5497
Atl2	nd	nd	22.9641	22.8876
Atl3	27.8955	27.9936	27.9275	28.1247
Atox1	26.0855	25.7931	26.2529	25.7494
Atp1a1	27.3161	27.4109	27.6549	27.448
Atp1a2	25.2944	25.5516	25.5828	25.5876
Atp1b1	25.0576	24.8612	26.1128	25.0461
Atp1b3	24.9346	25.0007	25.6169	25.5533
Atp2a2	27.4449	27.5533	27.5881	27.6985
Atp2a3	23.4052	23.5916	23.7498	23.8586
Atp2b1	21.59	22.2582	21.8894	22.3612
Atp2b4	26.2183	26.342	26.2248	26.4233
Atp5a1	30.5964	30.6268	30.6234	30.6553
Atp5b	31.4074	31.5303	31.4524	31.4934
Atp5c1	27.0859	27.0437	26.939	26.9252
Atp5f1	27.6821	27.7029	27.7998	27.5744
Atp5h	27.3095	27.3332	27.3468	27.2577
Atp5i	24.6568	24.9619	24.7662	24.8644
Atp5j	23.5011	23.0632	23.8461	nd
Atp5j2	26.4477	26.5853	26.663	26.6479
Atp5l	26.0169	26.0928	25.7066	25.9404
Atp5o	28.7074	28.9054	29.0192	29.1675
Atp6v0a1	nd	21.4444	21.9656	21.895
Atp6v0d1	23.2966	24.0164	25.1365	24.0811
Atp6v1a	24.7774	25.3451	25.4836	25.2669
Atp6v1b2	19.9057	21.0677	21.5668	21.0695
Atp6v1e1	22.2246	23.3689	23.2679	23.7131
Atxn10	22.578	nd	21.8249	22.685
Auh	22.9827	22.9772	22.3465	nd
Axl	22.3523	23.1219	23.3283	23.1675
B2m	24.6023	24.3414	24.5157	24.781
B4galt2	nd	22.5578	nd	22.7718
Bag3	24.9019	24.922	25.4851	24.953
Bag5	21.7116	21.8917	nd	22.3358
Bag6	23.5882	23.481	23.5716	23.7356
Banf1	27.871	28.0003	27.8623	28.1097
Bax	22.8554	22.802	22.9075	22.895
Bcam	28.4205	28.2401	28.4763	28.3776
Bcar1	20.9784	21.0401	20.5596	20.8881
Bcas3	21.1653	21.2926	21.3375	21.4897

Bcat2	26.3646	26.2781	26.4687	26.2157
Bckdha	23.8314	24.2124	23.7166	23.4394
Bckdhb	25.1392	24.0824	22.9602	23.7035
Bckdk	21.8447	22.0799	21.3911	21.8349
Bgn	32.015	32.0087	32.169	32.3331
Blmh	24.9304	25.1297	24.8944	25.0416
Blvra	24.5892	25.0071	24.5391	25.2772
Blvrb	25.4616	25.366	25.5338	25.2029
Bpgm	21.7943	nd	nd	nd
Bphl	24.9822	25.2496	24.4659	25.3717
Bpnt1	23.9722	24.1418	24.1195	24.7358
Bre	nd	nd	21.5842	22.6111
Brox	22.5215	22.5746	22.056	22.3382
Btf3	20.7482	21.5196	21.3287	21.675
Btk	19.4096	20.3401	19.3846	19.4761
Bzrap1	23.5026	22.5598	23.525	23.9704
C1qbp	24.8175	24.2598	25.1668	24.4817
C3	28.1113	27.7374	27.8614	27.6713
C4b	27.216	27.0349	27.4368	27.3532
C4bpa	25.9294	25.3336	25.4142	25.9558
C5	22.845	22.143	22.4594	22.6315
C9	21.885	21.2466	21.8287	21.5699
Ca1	24.5888	23.4928	24.3222	23.2359
Ca2	28.3315	26.9383	28.1064	26.8368
Ca3	29.8541	29.4637	29.3158	28.043
Cab39	25.2782	25.4254	25.4115	25.3614
Cacna2d1	27.2156	27.2383	27.4332	27.3925
Cacybp	22.2317	21.6918	22.2882	22.2276
Cad	21.8245	22.6983	22.3922	22.8771
Calm3	27.4212	26.7925	27.2124	26.6808
Calr	27.6475	27.486	27.8634	27.4258
Calu	24.0442	24.192	23.3464	24.0355
Camk1	23.0696	23.3065	23.008	23.189
Camk2d	27.3636	27.5349	27.5024	27.6554
Camk2g	26.0118	26.2546	26.2153	26.4327
Camlg	21.3211	22.0586	21.1439	22.1536
Cand1	28.1231	28.3342	28.0728	28.1311
Canx	28.209	28.3025	28.433	28.1349
Cap1	30.3074	30.4552	30.3297	30.5248
Cap2	26.6617	26.8606	26.7932	26.867
Capg	25.3364	25.5545	25.7462	25.8847

Capn1	24.0336	24.5184	24.4503	24.9168
Capn2	28.4593	28.64	28.2867	28.8878
Capns1	28.282	28.6307	28.2562	28.8006
Caprin1	21.8135	21.9042	22.0228	21.9358
Capza1	25.1928	25.4487	25.26	25.2852
Capza2	27.5386	27.639	27.8766	27.686
Capzb	27.3511	27.1803	27.2653	27.1372
Carhsp1	24.485	24.3363	24.2942	24.6775
Carkd	25.5365	25.6839	25.7626	25.597
Carkd	21.9305	21.7424	22.2726	22.671
Carm1	21.6133	21.6715	21.3335	22.2112
Cars	20.5226	nd	20.3763	nd
Casp8	21.1768	21.403	nd	21.196
Casq1	27.3305	28.2085	27.9646	28.0709
Cast	24.4628	24.2356	24.6393	24.5571
Cat	24.9465	24.7753	25.3488	24.8141
Cav1	29.2687	29.2742	29.4469	29.1513
Cav2	25.9361	25.7233	25.7743	25.7403
Cbr1	26.1024	26.1939	26.1509	26.0917
Cbr2	29.3423	29.4751	29.3886	29.5481
Cbr3	23.4269	23.9965	23.309	23.9939
Ccar1	21.8233	21.6887	22.1063	22.5046
Ccar2	22.0162	22.2568	nd	22.4429
Ccbl2	22.6835	22.6566	22.6465	22.3558
Ccdc127	nd	21.9734	nd	22.1829
Ccdc47	24.3079	24.7445	24.186	25.1065
Ccdc80	24.0021	24.4889	24.3711	24.632
Ccdc90b	24.9876	25.4939	24.8401	25.5206
Ccny	21.2292	22.1469	20.9829	22.6099
Cct2	27.7895	28.0053	27.9522	28.2409
Cct3	27.3177	27.5275	27.134	27.4235
Cct4	26.5956	26.9256	26.4827	26.9737
Cct5	27.4448	27.5795	27.4081	27.7723
Cct6a	26.5288	26.7301	26.7914	26.8469
Cct7	26.9013	27.052	26.8234	27.2307
Cct8	26.6199	26.5669	26.766	26.6706
Cd109	26.3987	26.4729	26.2594	26.5873
Cd151	23.998	23.7167	25.7762	24.8173
Cd163	22.481	22.2998	22.4508	22.1321
Cd200	25.5432	25.5546	26.277	25.5896
Cd2ap	23.8952	23.1879	23.5164	23.5029

Cd34	24.9544	24.3949	24.8112	24.5739
Cd36	27.2874	26.9651	26.8272	26.833
Cd44	22.3702	22.6057	nd	22.2673
Cd47	24.2704	24.2064	24.3471	24.6357
Cd81	27.9087	28.184	28.1713	28.3168
Cd9	26.1254	26.2785	26.2336	26.8382
Cd97	24.5657	24.5855	24.7016	24.856
Cd99	nd	19.7963	19.8504	20.3008
Cdc37	24.3828	24.6881	24.6414	24.8321
Cdc42	27.0821	27.3129	27.4198	27.3839
Cdc42bpb	23.5881	24.3058	23.9253	24.3425
Cdh13	28.4412	28.5236	28.5212	28.601
Cdh6	21.0666	21.4134	21.3428	21.3541
Cdipt	nd	21.7655	nd	nd
Cdk13	nd	21.7539	21.4877	21.6708
Cdk5	21.5955	21.8418	21.8452	22.3787
Cds2	nd	24.2628	23.5252	24.1321
Celf2	21.2786	23.3723	23.4774	23.5382
Cenpv	24.771	24.7011	24.8541	24.5378
Ces1c	27.9313	27.3353	27.6676	27.3862
Ces1d	29.281	29.2707	28.5969	28.1984
Cfb	24.3956	23.9419	24.2687	24.4372
Cfd	24.1065	23.2594	24.6277	nd
Cfh	27.8228	27.754	27.7502	27.8038
Cfi	23.8894	23.1406	23.5716	23.5219
Cfl1	29.4169	29.3975	29.4765	29.4227
Cfl2	25.277	25.1431	25.3242	25.3358
Chchd3	23.6862	nd	23.8835	23.4975
Chchd6	23.6343	24.0925	23.0619	23.0209
Chd4	24.028	24.0514	23.8776	24.3272
Chmp3	22.9398	nd	22.4629	22.7199
Chmp4b	23.0094	23.5173	23.3126	23.4913
Chst12	21.3398	21.4773	21.6001	22.6808
Chtop	23.1518	22.907	23.3027	21.8768
Cisd1	24.6337	25.0199	24.8576	24.6932
Ckap4	27.18	26.8722	27.2363	27.2125
Ckb	30.6345	30.6354	30.816	30.8059
Ckm	26.0408	26.4894	27.7705	25.2622
Clasp1	23.6051	23.6279	23.4073	23.9732
Clcc1	nd	22.821	nd	nd
Clec10a	22.3591	21.6493	nd	22.0708

Clec3b	25.1642	24.6559	25.719	25.1251
Clic1	26.5545	26.7483	26.6245	26.9402
Clic4	27.8491	28.0552	27.9853	28.1524
Clint1	20.1842	21.0473	20.4784	21.4088
Clptm1l	21.7945	21.9295	21.5272	22.3985
Cltb	23.0622	22.7925	23.5023	nd
Cltc	30.6598	30.7513	30.6624	30.8274
Clu	26.8994	26.5326	26.9548	26.4375
Clybl	25.3417	25.868	25.0875	25.0928
Cma1	27.7984	27.6609	28.294	28.2905
Cmpk1	24.7989	24.795	24.3686	25.1112
Cnbp	23.949	24.3884	24.2025	24.6076
Cndp2	25.8287	25.6141	26.0921	25.8774
Cnn1	31.952	32.141	31.9699	32.1599
Cnn2	28.3023	28.6949	28.3807	28.8859
Cnn3	28.4449	28.607	28.3951	28.4187
Cnp	23.625	23.6087	26.2921	22.6545
Cnpy2	22.2611	22.1551	22.9314	22.0523
Cnpy4	22.8355	22.4519	nd	22.6235
Coa3	22.6749	22.328	22.2907	22.1322
Coasy	22.6247	23.3137	22.7586	22.5968
Col12a1	22.8611	22.0899	22.7644	24.0245
Col14a1	30.3566	30.3983	30.2132	30.5856
Col15a1	29.974	30.0623	30.0227	30.0103
Col18a1	30.9928	30.9678	30.9356	30.9053
Col1a1	33.818	33.669	33.992	33.7303
Col1a2	33.1868	32.8979	33.5575	32.6132
Col2a1	31.0839	30.6976	31.3341	30.8796
Col3a1	26.8411	26.6255	27.1082	26.1298
Col4a1	30.8182	30.8457	30.8894	31.0014
Col4a2	30.5527	30.4349	30.6906	30.5765
Col4a3	24.8549	24.9156	25.0162	25.0889
Col4a4	23.2534	nd	nd	24.7846
Col5a1	28.288	28.0822	28.2738	28.3127
Col5a2	27.8226	27.7042	27.9213	27.8983
Col6a1	32.679	32.5808	32.5993	32.6441
Col6a2	32.4845	32.2796	32.4044	32.1751
Col6a5	25.8701	26.2768	26.1371	26.0337
Col6a6	30.1567	30.1597	30.3139	30.2087
Colgalt1	23.3113	23.4689	24.8379	23.2761
Commd3	22.599	22.8869	23.0027	22.6458

Commd4	nd	20.9101	21.0649	21.2888
Commd9	23.1578	23.4765	23.6243	24.1756
Comt	24.2909	24.6977	24.2658	24.7261
Comtd1	22.3755	22.3477	21.9144	22.3311
Copa	26.5509	26.9379	26.7247	27.0557
Copb1	26.0552	26.1404	25.9023	26.1812
Copb2	23.8169	24.4455	24.127	23.9392
Cope	24.9623	24.96	24.8712	24.9919
Copg1	26.3027	26.4821	26.1654	26.7415
Copg2	nd	nd	nd	nd
Cops2	25.9109	26.1863	25.9409	25.8242
Cops3	24.9946	24.9854	25.1602	25.4029
Cops4	23.7757	24.3514	23.9142	24.1094
Cops5	23.8333	23.821	23.9329	24.2898
Cops6	21.7626	nd	22.6434	20.7402
Cops7a	23.573	23.5237	23.2577	23.747
Copz1	22.7182	23.0806	23.1581	23.1516
Coq10b	21.6148	21.7708	21.3456	21.5522
Coq6	22.3308	23.7008	22.62	23.4571
Coq9	24.114	24.6331	23.6564	23.8255
Coro1a	22.6346	22.4903	22.6918	22.4098
Coro1b	25.7547	25.8058	25.4119	25.5301
Coro1c	28.0167	28.0579	28.0646	28.0703
Cotl1	20.9516	21.5811	20.9333	21.0857
Cox4i1	27.2703	27.4549	26.8486	26.2604
Cox5a	28.7857	28.8309	28.3802	28.1764
Cox5b	26.0315	26.515	26.3205	25.3299
Cox6a1	27.9238	28.6204	27.6672	27.7134
Cox6b1	27.6816	27.8145	27.3905	26.7434
Cox6c	26.109	26.2779	26.1315	25.2852
Cox7a1	26.1823	26.48	24.9703	24.0036
Cox7a2	25.1234	25.1771	25.2985	24.3472
Cox7c	24.5126	24.4978	23.629	23.7496
Cp	25.6881	25.6796	26.1975	26.038
Cpa3	28.0139	27.7997	28.3848	28.1692
Cpe	23.6718	23.809	23.628	23.6822
Cpne1	26.32	26.4998	26.4963	26.6559
Cpne2	22.5676	22.4027	22.691	22.8198
Cpne3	26.2174	26.3611	25.9557	26.4723
Cpox	21.2989	21.3736	20.9389	21.1689
Cpped1	22.7575	22.2497	nd	22.489

Cpq	24.2739	24.3689	23.8699	24.5912
Cpsf6	25.0136	25.7748	25.0932	25.5111
Cpsf7	23.4886	23.8633	23.6944	23.8102
Cpt1a	24.3363	24.5728	24.312	24.5004
Cpt1b	25.1896	25.2821	23.829	23.6005
Cpt2	26.8029	26.7209	25.3621	25.2354
Cr1l	nd	23.5855	22.9423	23.1407
Crat	25.1085	25.2603	24.6572	24.5499
Creld1	21.0771	21.1197	20.752	21.322
Crip1	30.0276	29.8793	29.9751	30.2304
Crip2	29.76	29.5179	29.7872	29.5284
Crk	24.9612	25.1502	24.999	25.2021
Crkl	22.8057	nd	23.1881	23.2344
Cryab	25.2257	25.2952	25.9783	25.5784
Cryl1	24.6474	24.9093	24.5298	25.0494
Cryz	23.6475	23.5717	23.3577	23.5267
Cs	29.9524	30.1832	29.5614	29.5295
Csad	25.601	25.7124	25.5466	25.4869
Cse1l	27.083	27.6988	27.2894	27.6006
Csk	24.0787	23.295	nd	23.1018
Csnk1a1	22.691	22.3799	22.2809	nd
Csnk2a1	24.7701	24.6929	25.1699	25.0642
Csnk2b	23.5782	23.9779	23.0822	23.9164
Cspg4	28.7748	28.7311	28.8571	28.8646
Csrp1	30.0979	29.6723	30.0952	29.5287
Csrp2	29.6651	29.4215	29.7367	29.2551
Cst3	nd	24.2633	nd	24.2897
Cstb	25.4984	25.9084	25.1546	25.5552
Cstf2	23.2402	23.5905	22.7917	23.4794
Ctbp1	24.8536	25.2078	24.8721	25.3514
Ctcf	nd	nd	22.4613	nd
Ctnna1	26.2871	26.5935	26.4942	26.7456
Ctnna2	22.5184	23.0332	22.3287	22.8435
Ctnna3	22.5152	23.1852	nd	22.626
Ctnnal1	23.7897	23.7048	23.3905	24.0543
Ctnnb1	25.9568	26.1867	26.0537	26.5155
Ctnnbl1	nd	nd	nd	21.2976
Ctnnd1	24.6119	24.7277	25.109	25.0646
Ctsb	25.8439	25.6414	25.81	25.2392
Ctsd	27.4879	27.8593	27.4842	27.705
Ctsh	24.2714	24.1303	24.5209	24.4637

Ctnn	24.5962	24.7392	24.8077	23.931
Ctnnbp2nl	21.9745	22.9908	22.9062	23.0792
Cul1	22.6497	21.6805	22.3141	22.2079
Cul3	22.684	23.101	22.4461	22.7242
Cul4a	22.3826	22.2995	22.3273	22.7082
Cul5	nd	22.8741	21.8075	23.8314
Cuta	25.7215	25.8504	25.7847	26.1514
Cutc	nd	22.5797	21.268	21.4095
Cxcl12	nd	22.7332	23.0112	23.2552
Cyb5a	24.305	25.3711	25.0506	24.6991
Cyb5b	23.8288	23.3546	23.9875	23.4903
Cyb5r1	23.9847	24.3809	23.7612	24.3947
Cyb5r3	30.0901	29.9905	30.1793	30.103
Cybc1	23.0852	23.1821	22.3453	23.6072
Cyc1	27.1568	27.4075	26.8882	26.7188
Cycs	27.3612	27.5026	26.7714	26.6404
Cyfp1	25.9273	25.9843	25.9805	26.4677
Cygb	24.6985	24.7041	24.5652	24.5045
Cyp20a1	23.1112	23.5873	23.2637	23.7354
Cyp2f2	21.672	nd	20.5176	20.6331
Cyp4b1	21.2033	20.7465	21.4557	21.3323
D10Jhu81e	27.4922	27.9956	27.3659	27.6958
Daam1	22.2386	22.426	21.8702	21.7474
Dab2	22.6551	22.6012	22.4501	22.4804
Dag1	26.5878	26.2626	26.5275	26.4483
Dapk3	22.5104	nd	23.1099	nd
Dars	26.403	26.5245	26.3925	26.6161
Dazap1	22.1825	21.5574	nd	22.3137
Dbi	27.3086	27.5176	27.4971	26.9761
Dbnl	25.1361	25.0908	25.7338	25.1426
Dbt	26.1359	26.2849	26.2405	25.9595
Dcn	32.5271	32.5931	32.7526	32.9066
Dcps	23.243	23.4832	22.6395	24.1939
Dctn1	25.7278	25.848	26.1803	26.0475
Dctn2	26.5074	26.4244	26.893	26.3788
Dctn3	22.3279	21.9286	22.1105	22.3066
Dctn5	21.609	21.2374	nd	21.0989
Dcxr	19.1937	19.8425	19.1855	19.8147
Ddah2	26.6203	26.6483	26.6853	26.9918
Ddb1	25.134	25.2557	25.2398	25.4193
Ddhd2	nd	nd	nd	nd

Ddst	27.0658	27.1708	26.9681	27.3009
Ddrgk1	23.7121	24.1355	23.2124	23.8631
Ddt	26.9397	27.1692	27.1341	26.9181
Ddx1	26.757	26.8868	26.4985	26.8333
Ddx17	23.3013	23.8884	24.3701	24.3518
Ddx21	22.287	22.6842	22.3804	23.1284
Ddx25	21.4624	22.02	22.3056	22.5027
Ddx39b	27.1693	27.1952	27.0413	27.2421
Ddx3x	27.1637	27.3944	27.0378	27.3161
Ddx3y	23.4675	24.3062	23.5292	24.1462
Ddx42	nd	24.5772	24.8894	25.3364
Ddx46	nd	21.5276	21.6611	nd
Ddx5	26.804	27.0117	26.8564	27.2457
Ddx50	26.3973	27.2114	26.5813	27.2698
Ddx6	22.4487	22.8146	22.5321	23.1451
Decr1	28.3225	28.5648	28.0854	28.1605
Dek	24.2438	24.6054	23.5438	24.5721
Derl1	23.6023	23.6624	23.0444	23.0837
Des	26.648	26.8145	27.1836	27.3264
Dhdh	24.4154	24.6747	24.738	24.3038
Dhrs1	24.0427	24.1372	24.0057	24.3975
Dhrs7b	nd	22.325	21.6544	21.9141
Dhx15	23.1425	23.8088	23.6065	23.9758
Dhx29	nd	19.837	20.2438	20.2862
Dhx9	26.519	26.897	26.5823	26.7511
Diaph1	nd	21.6591	22.3158	22.0531
Dkc1	22.8321	22.4416	22.1442	22.7274
Dlat	28.6207	28.8171	28.3147	28.0459
Dld	28.0733	28.4271	27.8295	27.8994
Dlst	27.7475	27.9669	27.4494	27.1499
Dmd	29.7344	29.8716	29.759	29.9121
Dmpk	23.1152	23.9886	23.0843	24.0476
Dnaja1	23.8994	24.3998	23.4918	23.6798
Dnaja2	24.5277	24.5483	23.8482	24.1791
Dnaja3	23.1101	23.7909	nd	22.8179
Dnajb4	25.751	25.8843	25.6329	26.35
Dnajc10	23.0021	22.2425	23.2217	22.5313
Dnajc11	22.9522	23.313	22.951	23.8755
Dnajc19	19.4119	20.4113	19.4444	19.7407
Dnajc3	23.3374	23.4211	22.5206	23.1703
Dnm1	21.4949	21.7874	22.0969	21.6176

Dnm1l	26.6925	26.8451	26.6994	26.9001
Dnm2	26.137	26.4331	26.3803	26.658
Dnpep	26.1214	26.2733	26.2298	26.2208
Dock7	23.4529	23.4399	22.9037	23.8933
Dpep1	28.6218	28.205	28.5203	28.7813
Dpp3	23.7525	23.8414	24.3719	24.4873
Dpp7	21.6897	21.9542	21.691	22.2753
Dpt	29.645	29.3788	29.5871	29.332
Dpy30	26.2733	26.4886	25.9716	26.7029
Dpysl2	29.6038	29.6469	29.697	29.4489
Dpysl3	29.8842	29.8968	30.0016	29.9977
Drap1	nd	21.4951	20.6588	21.4532
Dsp	22.9994	23.4935	nd	nd
Dst	21.237	21.9259	21.2424	21.6236
Dstn	31.1208	31.2158	30.9874	31.312
Dtd2	22.3972	21.9344	21.815	22.1816
Dtna	26.5776	26.8116	26.7859	26.8921
Dusp19	28.2663	28.5279	28.5957	28.379
Dusp3	25.7991	25.9241	25.7915	25.679
Dync1h1	29.6461	29.7249	29.7193	29.9431
Dync1i2	23.4009	24.025	23.5924	24.2459
Dync1li1	25.2539	25.547	25.294	25.4688
Dynll1	27.4922	27.8415	27.6903	27.6265
Dynlrb1	24.4801	25.0067	25.4713	25.1361
Dynlt1	21.5392	22.1658	21.9087	22.209
Dynlt3	23.1664	23.4558	23.6728	23.1833
Dysf	25.6613	25.8254	25.668	25.4119
Ech1	25.8654	26.3136	25.334	25.4303
Echdc2	20.0527	20.2585	20.1727	nd
Echs1	27.9398	28.1785	27.534	27.5813
Eci1	28.244	28.4269	27.6658	27.0605
Eci2	23.9771	24.6824	24.2029	24.0697
Ecm1	25.4325	25.1981	25.0057	25.2686
Ecm29	24.1193	24.1898	23.952	24.1655
Ecsit	21.5247	21.6793	21.2896	20.6654
Eef1a1	31.1993	31.3733	31.2736	31.3908
Eef1b	26.8838	26.5248	26.629	26.5671
Eef1d	26.4051	25.8844	26.6034	25.9273
Eef1e1	21.8464	21.5343	21.84	21.9269
Eef1g	27.3376	27.6175	27.4756	27.5746
Eef2	29.6719	29.8369	29.6253	29.9248

Efemp1	27.9125	28.0651	27.6877	28.2557
Efemp2	26.9909	27.157	27.0107	27.2348
Efhd1	24.1606	24.0192	23.841	24.0343
Efhd2	22.4466	22.4927	22.3226	22.5088
Efr3a	22.2857	22.8929	22.7267	23.3169
Eftud2	24.4144	24.2539	23.9353	24.3196
Egfr	24.1369	23.6289	24.7974	23.8424
Ehbp1l1	22.828	23.3003	23.0354	23.238
Ehd1	27.6912	27.5548	28.0376	27.8446
Ehd2	31.8135	31.9234	31.7843	32.1333
Ehd3	22.0406	22.5115	22.5615	21.9088
Ehd4	28.3906	28.3972	28.4298	28.1888
Eif2s1	24.7653	24.5108	24.4925	24.7766
Eif2s3x	24.331	24.6187	24.2624	24.8385
Eif3a	26.1341	26.4691	26.3594	26.5563
Eif3b	23.838	23.6799	24.1653	24.0836
Eif3c	24.6256	24.7185	24.3081	24.9625
Eif3d	23.7197	24.3193	24.0812	24.1965
Eif3e	23.7005	23.8821	23.9079	24.0328
Eif3f	26.0378	26.1452	25.4294	26.1411
Eif3g	23.2781	23.1584	23.2275	23.1382
Eif3h	23.3156	nd	nd	22.9287
Eif3j1	23.5621	23.2179	23.1324	23.6759
Eif3k	23.4069	23.5721	23.0869	23.7198
Eif3l	23.4153	23.3695	23.2427	23.6544
Eif3m	24.1105	24.3934	24.431	24.582
Eif4a1	27.45	27.7148	27.6899	27.5778
Eif4a2	24.3112	24.1038	24.4917	24.2978
Eif4a3	24.9825	25.2319	24.8621	25.614
Eif4b	25.8706	25.8476	24.5874	24.2809
Eif4e	23.0134	23.5023	23.3868	23.5197
Eif4g1	24.0196	24.4107	23.4985	24.591
Eif4g2	24.1219	24.2645	24.1567	24.2886
Eif4h	25.437	25.3756	25.4391	25.7576
Eif5	24.6105	24.4275	24.7219	24.927
Eif5a	27.4684	27.4496	27.3228	27.2459
Eif5b	24.3492	24.5725	24.7304	24.7161
Elavl1	24.8262	25.1057	25.0499	25.3972
Eln	30.9944	31.0447	31.0891	31.171
Elov11	24.6707	25.3036	24.6494	25.6742
Emc1	23.9706	23.6434	23.5792	24.1605

Emc8	22.8344	21.6026	22.7153	22.5936
Emd	25.6537	26.4941	25.5767	26.3047
Emilin1	29.5465	29.6281	29.4997	29.542
Eml1	26.5125	26.6027	26.5633	26.6889
Eml2	26.6524	26.933	26.671	26.5144
Enah	27.3045	27.5407	27.2175	27.353
Endod1	26.7278	26.9688	26.9804	27.0965
Eno1	29.9134	29.8913	29.8601	29.4392
Eno2	nd	21.0453	23.3711	22.7781
Eno3	23.3066	24.2886	25.0703	nd
Enpep	23.1338	22.1693	23.7141	23.9204
Enpp1	23.763	24.0653	23.6612	23.4211
Enpp3	24.6838	24.7997	25.0346	24.873
Enpp4	21.4478	21.448	20.9133	21.658
Entpd1	27.0568	27.1399	27.1572	27.1591
Entpd2	29.2601	29.2768	29.2729	29.546
Epb41	23.6701	23.4968	24.0808	23.7496
Epb41l2	25.2811	25.4984	25.8265	25.2065
Ephx1	28.5353	28.8113	28.7037	28.8291
Ephx2	24.7692	25.2722	23.9959	24.4526
Epn1	22.2213	22.2835	22.5257	22.6257
Epn2	22.6261	22.9124	nd	22.8003
Epn3	nd	nd	19.8421	nd
Eppk1	22.6985	22.8974	22.9157	22.1515
Eprs	26.436	26.4202	26.2975	26.4506
Eps15	21.8715	21.1687	nd	22.5769
Eps8l2	nd	21.7472	21.9156	21.8477
Erap1	nd	23.2952	23.0126	22.9846
Erbp2ip	20.8318	21.2455	20.6783	20.9799
Ergic1	25.3033	25.1343	25.1181	25.5294
Erh	24.4596	24.6105	24.5638	24.3262
Ero1l	23.42	23.5792	23.4261	23.5359
Erp29	24.6483	24.4568	24.9188	24.8669
Erp44	25.4827	25.6752	25.6616	25.6414
Esd	28.0079	28.0964	28.0809	28.2086
Esyt1	28.5967	28.9212	28.7391	29.0803
Esyt2	26.5233	26.6698	26.5899	26.7703
Etf1	22.976	24.0078	23.4312	nd
Etfb	30.063	30.2185	29.4514	29.1303
Etfb	28.5119	28.4368	28.1468	27.6838
Etfdh	26.4773	26.4584	26.1829	25.8059

Ethe1	25.091	25.5768	25.6981	25.4859
Exoc2	nd	21.944	20.7815	21.8026
Exoc6b	22.9399	23.37	22.8576	23.4118
F13a1	27.1042	26.9812	26.8716	26.9087
F2	25.9862	25.4844	25.7777	25.6905
Fabp3	25.1429	25.0685	25.6021	24.0385
Fabp4	28.5797	28.6666	28.0437	27.4338
Faf2	22.4752	22.4309	22.5537	22.9151
Fah	25.798	25.9704	25.9621	26.5108
Fam114a1	23.8741	24.0211	23.9425	23.694
FAM120A	nd	22.9999	22.3513	22.8717
Fam129a	27.5712	27.5327	27.5636	27.8079
Fam129b	24.5183	24.6648	24.403	24.5637
Fam162a	23.9915	24.1416	24.1052	24.2348
Fam175b	nd	20.7702	21.0821	19.7256
Fam213a	22.8029	22.9492	23.2881	22.2353
Fam3c	22.6238	23.0001	22.7409	22.5619
Fam50b	26.0277	25.9074	26.2005	25.7981
Fam98a	21.0789	21.7925	20.7091	21.2002
Fam98b	22.6718	nd	nd	nd
Farsa	25.0703	25.3006	24.6503	25.3325
Farsb	24.3218	24.4409	24.5443	24.8667
Fasn	29.9113	30.8062	29.8957	29.2166
Fau	25.3532	25.7817	25.1928	25.6343
Fbl	24.9512	24.9932	24.5615	25.3616
Fblim1	30.0188	30.2408	30.1299	30.3792
Fbln1	23.9799	23.2466	23.6193	23.2287
Fbln1	23.9744	nd	23.5919	23.5055
Fbln2	26.5436	26.4019	26.8116	26.3338
Fbln5	32.5559	32.583	32.4853	32.7413
Fbn1	33.1539	32.998	33.2872	33.1407
Fbn2	24.5666	24.6153	24.03	24.9466
Fbxo2	22.1065	22.7175	23.0714	23.1258
Fbxo30	22.153	22.6419	22.1669	23.0593
Fbxo6	20.9642	22.6683	nd	19.4526
Fcgrt	23.7174	23.8939	23.8515	nd
Fcho2	nd	21.9787	22.1371	22.2323
Fdps	21.673	21.7959	22.493	22.3914
Fech	25.0554	24.6835	nd	24.3657
Fermt2	29.4231	29.4812	29.4078	29.465
Fermt3	23.8022	24.0388	23.2019	nd

Fetub	22.8817	22.1435	22.1242	22.4219
Fga	30.3406	29.3603	29.4076	29.3298
Fgb	31.245	30.2024	30.2201	30.2339
Fgf1	21.9923	22.5543	23.2764	23.228
Fgg	31.3064	30.4473	30.4536	30.4668
Fgl2	nd	nd	nd	nd
Fh	28.577	28.8724	28.1706	28.2691
Fhl1	29.8644	29.8668	29.8637	29.8357
Fhl3	24.4406	24.1738	24.8317	24.183
Filip1l	25.047	25.6445	25.6886	25.982
Fis1	26.3586	26.4431	26.5693	26.628
Fkbp10	24.0758	23.714	24.4943	24.0872
Fkbp1a	26.3937	26.2032	26.2545	26.5428
Fkbp2	23.9491	23.8437	23.9212	23.9842
Fkbp3	22.8904	nd	22.7843	nd
Fkbp4	24.5959	24.4697	24.8645	24.5563
Fkbp9	23.5213	23.8553	23.6377	23.1695
Flii	26.5777	27.0206	26.8647	27.2126
Flna	34.9236	34.8237	35.0246	34.9085
Flnb	27.5497	27.6525	27.7176	28.0311
Flnc	28.7441	28.8784	28.8935	29.0739
Flot1	24.9849	25.1881	25.063	25.3964
Flot2	25.3692	25.4714	25.7805	25.7714
Fmnl3	nd	22.533	23.0774	22.7078
Fmo1	26.9135	27.018	26.8368	27.1194
Fmo2	30.266	30.3934	30.3281	30.4793
Fmo3	23.6516	23.3701	21.3558	24.008
Fmod	26.8035	26.8833	26.7462	27.4614
Fmr1	nd	21.0941	21.271	nd
Fn1	31.9818	31.6995	31.9329	32.0383
Fnta	nd	23.2673	nd	23.5919
Folh1	22.6529	22.1213	23.1025	nd
Fry	25.403	26.1005	nd	27.2769
Fstl1	23.2811	23.0446	23.6409	23.5057
Fth1	26.7779	26.8744	27.0164	27.075
Ftl1	27.4212	27.6891	27.8177	27.1397
Fundc2	23.2187	nd	nd	nd
Fuom	23.4085	23.3284	23.2551	23.3991
Fus	25.0057	24.7071	24.6897	24.2458
Fxr1	23.5221	23.7264	23.3206	24.1248
G3bp1	24.8513	25.2818	25.0846	25.5706

G3bp2	23.3199	23.1283	23.2366	23.3968
G6pdx	26.2343	26.5584	26.2149	26.5866
Gaa	22.0067	22.5505	22.8658	22.9608
Gabarap	nd	nd	20.3525	nd
Gak	21.1343	21.265	20.4183	21.1093
Galk1	25.0721	25.5909	25.1219	25.8819
Galm	22.53	22.8268	22.4179	22.9145
Gamt	23.5933	23.4908	24.0138	23.2425
Ganab	27.5382	27.7284	27.6383	27.8514
Gapdh	32.0007	32.2784	32.0156	32.0946
Gars	23.9422	23.0471	22.662	23.1247
Gart	23.9771	24.033	23.4718	24.2399
Gbas	23.941	24.2633	24.3535	24.1251
Gbe1	22.8727	23.4959	23.3842	23.63
Gbp2	23.6968	23.9977	24.0057	24.6277
Gc	28.3101	27.956	28.4013	27.9779
Gcat	21.5944	21.6641	21.4995	21.9437
Gcdh	23.1083	22.6117	nd	22.7959
Gcn1	24.421	24.4878	23.969	24.6887
Gda	23.3884	23.3314	23.1223	23.3231
Gdi1	27.0633	27.2675	27.131	27.2381
Gdi2	29.1576	29.339	29.1536	29.3619
Ggcx	21.1224	21.2611	nd	21.4537
Gid8	23.0986	23.1868	22.8001	23.0028
Gimap4	22.4144	nd	22.3535	22.0416
Git1	22.829	23.2753	23.3745	23.3153
Git2	nd	23.341	23.5424	22.431
Glg1	25.5857	25.7189	25.5604	25.6855
Glo1	27.7054	27.7715	27.804	27.8606
Glod4	25.269	25.6162	25.5738	25.9331
Glrx	24.8536	25.8126	25.326	25.8563
Glrx3	24.4435	24.4126	24.5228	24.5793
Gls	25.1131	25.426	25.5313	25.5283
Gltp	23.3042	23.4024	23.3905	24.0094
Glud1	28.8065	28.6748	28.7613	28.783
Glul	25.3883	25.598	24.7941	24.1999
Glyr1	23.2679	23.8386	23.6312	24.1494
Gmfb	nd	23.6175	23.3944	24.0674
Gmppa	23.1617	23.535	22.9419	23.3358
Gmppb	24.4668	24.5307	24.6794	24.4135
Gmps	23.0532	22.9257	22.9115	22.6166

Gna11	26.0212	25.8901	25.9865	26.0565
Gna13	23.191	22.7681	23.2747	22.7925
Gnai1	23.6281	23.247	23.7453	23.7472
Gnai2	27.9662	27.9355	28.1726	28.177
Gnao1	23.211	23.1199	22.8252	23.6577
Gnao1	25.816	25.7431	26.0346	25.6595
Gnaq	26.0162	26.0786	26.1385	26.3159
Gnas	25.8525	25.9453	26.0783	25.9145
Gnb1	26.3046	26.1805	26.3997	26.1114
Gnb2	27.8145	27.7068	27.8666	27.6045
Gnb2l1	26.8826	27.0315	26.9558	27.0855
Gnb4	nd	23.7627	23.4376	23.2319
Gng12	25.1528	25.1873	25.2798	25.4521
Gng5	25.1148	24.9204	24.9701	24.9804
Gnpda2	nd	22.3533	20.9857	21.9734
Gnpnat1	nd	21.7645	21.6396	21.9406
Golga2	21.0945	22.0737	22.0356	21.9557
Gorasp2	23.5649	23.5418	23.77	23.9235
Gosr2	21.1443	20.7757	nd	21.8807
Got1	24.2928	23.7697	24.4651	24.3468
Got2	28.7496	28.9482	28.6439	29.0037
Gp5	23.069	22.2332	nd	21.3753
Gpc4	nd	nd	nd	22.6488
Gpc6	26.245	26.4387	26.4191	26.578
Gpd1	27.5569	28.1527	27.1148	25.9207
Gpd1l	26.3538	26.5885	26.2507	26.9706
Gpd2	28.3132	28.7279	28.0059	27.7155
Gpi	29.933	30.1467	29.9878	30.193
Gpnmb	nd	nd	nd	23.5762
Gps1	22.0817	22.2536	22.2898	22.251
Gpx1	28.5441	28.6937	28.5979	28.8053
Gpx3	28.8827	29.0157	29.0884	29.1231
Gpx4	23.8482	24.0331	23.5328	23.5725
Gpx7	23.2458	23.4889	23.5605	23.4879
Grb2	24.3122	23.317	24.3112	24.0347
Grhpr	26.5418	27.0926	27.3155	27.0922
Grn	25.3418	24.9719	25.8328	25.0266
Grpel1	22.1558	22.5167	22.3172	nd
Gsk3a	21.8645	22.1711	22.4224	nd
Gsk3b	22.8862	22.7901	22.8005	23.0006
Gsn	30.5042	30.3514	30.613	30.4171

Gsn	23.7678	24.3998	23.976	23.6801
Gsr	24.8122	25.1275	24.8291	25.0845
Gss	nd	23.6886	23.1968	nd
Gsta3	22.4227	20.9656	23.5445	23.0218
Gstk1	25.4725	25.5518	25.6224	25.6244
Gstm1	31.8407	32.026	31.9797	32.1058
Gstm2	29.2323	29.3129	29.2546	29.3153
Gstm5	24.5133	24.3963	24.6929	24.5215
Gstm7	23.2691	23.263	22.8571	23.406
Gsto1	23.482	23.8632	23.715	23.8877
Gstp1	30.4461	30.4841	30.7889	30.5544
Gstt1	27.3492	27.6771	27.2069	27.7045
Gstt2	23.5728	23.5541	23.7986	23.3782
Gstt3	25.9549	25.982	25.7133	26.093
Gstz1	25.0214	24.9353	24.6794	24.3097
Gtf2i	23.633	23.4256	23.5343	nd
Gucy1a3	27.2925	27.3692	27.4244	27.4633
Gucy1b3	25.4789	26.0904	26.0275	26.0834
Gulp1	24.6728	24.1967	24.0046	24.2469
Gyg1	23.4322	23.2963	23.9614	23.7949
Gys1	21.9843	22.3559	nd	22.563
H1f0	29.0437	28.7677	28.9654	28.8147
H2-Aa	nd	nd	nd	nd
H2-D1	25.4367	25.023	25.5892	25.3434
H2-K1	nd	22.6235	nd	22.9269
H2-Q10	24.1915	23.2733	23.6656	22.9939
H2afv	27.6275	27.0298	27.4708	27.286
H2afy	28.2504	28.3818	28.4563	28.6276
H2afy2	24.0416	24.2496	24.6354	24.2199
H3f3a	31.8893	32.3597	31.5719	31.8579
H6pd	23.9616	23.6321	23.8308	24.5238
Hadh	29.6383	29.7498	28.8666	28.8902
Hadha	30.523	30.9342	30.1839	30.0543
Hadhb	29.6905	29.9937	29.131	28.9549
Hagh	22.6689	22.6497	22.6809	23.2574
Hamp	22.8594	22.823	23.2396	22.7924
Hapln1	nd	23.9291	23.2451	24.3758
Hars	24.6448	24.5694	23.4383	24.7242
Hax1	21.0118	21.0915	nd	20.8168
Hba	34.7911	33.9929	34.5808	34.0783
Hbb-b1	34.8821	33.9918	34.7734	34.1833

Hbb-b2	26.7688	25.251	26.7969	24.8856
Hbb-bh1	22.9508	22.5255	23.0887	21.8229
Hcfc1	23.7235	24.107	23.6793	24.0632
Hdac2	22.5046	23.3127	22.5161	23.2884
Hdgf	24.4275	24.5982	24.1059	25.0058
Hdgfrp3	25.1318	25.5624	25.3459	26.0011
Hdhd2	24.5038	24.6851	24.3854	24.6331
Hdlbp	25.4626	25.4747	25.2305	25.1525
Hectd1	20.1578	20.0257	20.4662	20.6493
Hexa	23.2016	23.3741	23.0978	23.041
Hexb	nd	21.9914	21.9294	21.8757
Hgs	21.9064	21.5611	21.9034	22.2082
Hibadh	26.6756	27.0182	26.8054	26.9691
Hibch	25.7317	25.9836	25.2146	25.0441
Higd1a	21.3604	21.8592	20.9132	21.1509
Hint1	27.8017	27.7081	27.7457	27.8105
Hint2	24.9448	24.9968	24.6051	24.8081
Hip1	24.5109	24.6317	24.2359	24.9636
Hist1h1a	24.2451	24.568	23.0285	25.756
Hist1h1b	25.5866	25.9123	25.5431	25.8623
Hist1h1c	29.1558	29.4135	29.7851	29.2806
Hist1h1d	23.611	nd	23.6988	nd
Hist1h1e	29.0474	28.7107	29.1473	28.7381
Hist1h2ah	24.0529	25.412	24.0336	24.8697
Hist1h2bp	32.8166	32.5031	32.7548	32.3117
Hist1h3a	29.885	30.0512	29.7687	30.015
Hist1h3b	32.0948	32.0756	32.0889	32.0592
Hist1h4a	32.5179	32.6924	32.4839	32.9156
Hist2h2ab	23.7995	23.551	23.9822	24.2005
Hist2h2ac	32.7162	32.6094	32.9032	33.2415
Hk1	27.7446	28.0649	28.0265	28.1303
Hk2	25.5505	25.8801	24.9869	25.0158
Hmbs	22.5257	22.797	22.4839	22.6154
Hmgb1	29.4169	29.2825	29.3348	29.4007
Hmgb2	nd	nd	23.8264	nd
Hmgcl	23.48	23.8967	23.1047	23.6445
Hmgcs2	nd	22.7062	23.9578	23.3276
Hmgn2	22.8589	22.7524	22.5995	22.3549
Hmgn5	23.4984	23.6871	22.8564	23.2346
Hmox2	23.8265	23.0507	23.1615	nd
Hnrnpa0	21.9575	21.639	21.8915	22.2211

Hnrnpa1	24.9244	25.1802	24.7189	24.9835
Hnrnpa2b1	28.1521	27.8093	28.0132	27.889
Hnrnpa3	28.3982	28.16	28.3142	28.197
Hnrnpab	26.5689	26.514	26.5649	26.6351
Hnrnpc	24.8181	24.7333	25.2332	24.5247
Hnrnpd	27.0779	27.1941	27.0801	27.3311
Hnrnpdl	22.7858	23.1557	23.2562	23.1846
Hnrnpf	24.9341	25.2305	25.0567	25.6058
Hnrnph1	26.7641	26.442	26.6486	26.5667
Hnrnph2	24.0223	24.2471	23.8945	24.7211
Hnrnpk	28.5602	28.8542	28.6048	28.9657
Hnrnpl	27.5299	27.6348	27.1076	27.7431
Hnrnp1l	23.4584	23.7091	22.8245	22.7965
Hnrnpm	26.9384	27.2175	27.102	27.3261
Hnrnpu	28.6885	28.794	28.7206	28.8968
Hnrnpul1	23.9901	nd	24.1723	24.8326
Hnrnpul2	24.7182	24.9562	24.8941	24.9911
Hook3	22.0037	22.2073	22.7788	23.4065
Hoxd8	nd	20.8642	21.8331	nd
Hp	22.4258	nd	nd	nd
Hp1bp3	27.7497	27.9268	27.7592	28.1353
Hpcal1	23.1679	23.8518	23.5575	23.8425
Hprt1	23.2574	24.4226	23.4442	24.0883
Hpx	28.226	27.7975	28.3298	27.6251
Hrg	24.213	23.9734	23.9405	24.0884
Hsbp1	20.0934	24.4802	nd	20.0657
Hsd11b1	nd	21.9999	nd	22.2232
Hsd17b10	28.1244	28.2071	27.752	28.0068
Hsd17b11	25.3177	25.304	25.4005	25.6724
Hsd17b12	25.6758	25.9356	25.8568	25.8227
Hsd17b4	22.8955	22.3361	23.2528	22.8118
Hsd12	23.7097	24.1962	22.8967	22.6308
Hsp90aa1	28.0135	28.2416	28.118	28.1763
Hsp90ab1	29.7851	29.8472	30.0423	29.9091
Hsp90b1	29.5252	29.5117	29.6123	29.5954
Hspa12a	24.1048	24.3149	25.1069	24.4444
Hspa12b	25.7721	25.8063	25.975	25.6574
Hspa1a	29.1128	29.1716	29.2014	29.4162
Hspa1b	24.6542	21.8801	24.7859	25.2789
Hspa2	26.9832	27.2104	27.2381	27.4141
Hspa4	27.6224	27.6753	27.6409	27.8817

Hspa4l	23.793	24.1231	24.102	24.3881
Hspa5	29.6143	29.5223	29.7922	29.536
Hspa8	30.956	30.9857	31.0434	31.0755
Hspa9	27.9596	27.8949	27.8256	27.3571
Hspb1	29.9482	29.8834	29.9921	30.1609
Hspb6	26.6339	27.0208	27.1114	27.2712
Hspb7	25.4027	25.2287	25.1814	25.8228
Hspb8	24.0341	24.3869	24.2187	24.7177
Hspd1	29.7126	29.8682	29.5296	29.5057
Hspe1	27.8277	27.8132	27.7473	27.7014
Hspg2	33.6077	33.5642	33.6081	33.6807
Hsph1	24.6913	24.8027	24.9149	25.1415
Htra1	27.3898	27.2775	27.244	27.6742
Huwe1	23.3088	23.9869	23.5758	24.1626
Hyou1	26.4051	26.4772	26.4579	26.3269
lah1	22.298	22.556	22.2323	22.2889
lars	22.8076	22.4237	22.7041	22.5658
lars2	26.2824	26.5235	25.9079	26.3777
lca	23.6937	23.6308	23.7475	23.5466
lcam1	nd	22.6262	22.992	23.2079
lcam2	nd	22.9365	22.7203	22.3353
lde	22.8478	22.7837	22.5726	22.9136
ldh1	27.3582	27.7358	27.3083	27.5584
ldh2	29.3352	29.5055	29.1684	29.3296
ldh3a	29.4652	29.6712	29.1463	28.6751
ldh3g	27.1261	27.3786	26.4543	26.4365
lfi35	22.0006	21.7414	21.6741	22.2062
lgbp1	22.1569	22.7667	22.4184	22.2662
lgfals	21.0953	nd	nd	21.6803
lgfbp6	23.9832	23.8402	23.2309	24.0163
lgfbp7	28.0136	28.1045	28.1484	28.3123
lgh-3	25.7965	24.771	25.7256	24.099
lghg1	23.0508	nd	22.6792	23.0549
lghm	26.5625	26.1309	27.1128	27.0464
lgkc	26.072	25.3593	25.8936	25.2888
lkbip	22.8908	23.1793	22.9363	23.089
lkbip	21.9232	21.6251	21.6509	21.9071
lkbkb	20.6712	21.5514	21.0057	21.4615
llf2	23.9309	24.4159	24.194	24.5342
llf3	23.0735	nd	23.768	23.2995
llk	29.496	29.6317	29.5357	29.7387

llvbl	21.2398	21.2823	nd	22.8102
lmmt	28.0037	28.0386	27.8391	27.8334
lmpa1	25.1216	25.2204	25.5816	25.047
lnf2	23.428	23.9922	23.4631	23.7255
lnmt	26.6753	26.3747	26.4881	26.3892
lnpp1	24.281	24.5667	24.3658	24.5892
lnpp4a	23.6835	23.725	23.8001	23.7728
lnts3	nd	21.1016	nd	nd
lpo4	21.6848	21.8789	21.6843	22.8756
lpo5	25.8449	26.0745	25.8436	25.9726
lpo7	24.2156	24.6402	24.3642	25.0686
lpo9	nd	23.0208	nd	22.6464
lqgap1	29.186	29.3032	29.2582	29.348
lrf2bpl	27.0079	27.0916	27.0718	27.3876
lsg15	nd	22.8999	21.955	22.5654
lslr	27.1812	27.7514	27.5867	28.0486
lsoc1	21.7868	20.2914	22.2151	22.3626
lsoc2a	27.1662	27.3082	26.8542	27.167
lsyna1	22.3206	23.0161	21.864	22.8641
ltch	21.9254	22.2261	nd	22.5116
ltga1	23.3116	23.3537	24.0412	24.0322
ltga2b	25.1236	24.2768	22.8353	23.9874
ltga3	26.0321	26.2089	26.0311	26.4429
ltga5	25.8778	25.8275	25.8626	26.1062
ltga6	nd	22.1205	23.257	22.8736
ltga8	30.2287	30.2516	30.1697	30.3914
ltga9	25.7963	25.9258	26.135	26.0923
ltgav	27.4454	27.3635	27.3526	27.6012
ltgb1	30.6726	30.752	31.0203	30.7919
ltgb3	25.3313	25.263	25.3134	25.4551
ltgb5	26.17	25.7919	25.9703	26.4254
ltgb6	26.5245	26.8022	26.9399	26.6244
ltih1	25.9708	25.8086	25.7296	26.3521
ltih2	24.8469	24.4226	24.1324	25.3732
ltih4	25.3198	24.8601	25.0577	25.2413
ltm2b	nd	20.8605	nd	21.0704
ltpa	24.7332	24.8846	24.5773	24.1792
ltpr1	26.3567	26.7547	26.3945	26.8028
ltpr3	23.1078	22.8537	22.5838	22.9636
lvd	26.8121	26.8837	26.1144	26.2312
Jak1	22.6247	23.1023	22.7764	22.8411

Jph2	23.6119	24.3774	24.1366	23.9914
Jup	22.5523	22.4764	22.4107	21.8608
Kank2	27.2822	27.4999	27.3728	27.5177
Kars	24.616	24.887	24.4431	24.463
Katnal2	24.7883	25.2185	24.9048	25.2879
Kcmf1	23.2036	23.3953	23.4655	23.6786
Kcnk4	nd	26.5009	26.5588	26.6777
Kdelc2	24.9602	25.2398	25.2472	25.664
Kdm1b	nd	nd	nd	nd
Kdsr	22.6856	nd	23.107	23.2802
Khdrbs1	23.5432	24.0553	23.9918	23.8886
Khsrp	25.6404	25.3416	25.2689	25.6333
Kiaa0196	22.2604	22.7329	22.4906	22.8377
Kif13a	22.6973	23.1169	22.8047	23.1569
Kif3a	21.6963	21.8648	nd	21.8807
Kif5a	23.8521	23.9047	23.2859	24.6038
Kif5b	24.6941	24.9638	24.9647	25.074
Klc1	23.9528	24.3225	23.8525	24.4605
Klk1b27	nd	nd	22.1787	nd
Kmt2a	22.8039	23.1225	24.9397	nd
Kng1	27.269	26.6223	26.9901	26.6199
Kpna4	24.89	25.1656	24.8207	25.4299
Kpna6	23.839	24.7475	23.3604	25.0865
Kpnb1	27.9973	28.1447	28.0954	28.2978
Kras	24.4163	23.9684	24.4026	24.5239
Krt33a	nd	nd	nd	nd
Krt81	24.1241	nd	24.6734	nd
Krt83	23.2418	21.4988	nd	nd
Krt85	nd	nd	nd	nd
Krtap14	nd	nd	nd	nd
Krtap15-1	nd	nd	nd	nd
Krtap19-3	nd	nd	nd	nd
Krtap19-5	nd	nd	nd	nd
Krtap3-1	nd	nd	nd	nd
Krtap7-1	25.0695	nd	26.2789	nd
Krtap8-1	19.9139	nd	21.3673	nd
Ktn1	nd	nd	nd	22.2899
L3hypdh	nd	nd	21.7323	nd
Lactb2	23.0927	22.1128	nd	22.975
Lama2	26.139	26.1203	26.8695	26.0901
Lama4	28.528	28.3876	28.7542	28.4048

Lama5	29.8356	29.8551	30.0209	29.8672
Lamb1	25.0318	24.994	25.4105	25.2609
Lamb2	30.7744	30.6187	30.943	30.815
Lamc1	29.8607	29.6149	30.1577	29.8813
Lamp1	23.2424	22.9294	22.8884	22.6795
Lamp2	24.6523	24.7529	24.9028	24.9674
Lamtor1	23.4717	23.1732	nd	22.7924
Lamtor5	nd	23.6403	nd	22.2899
Lancl2	nd	23.2771	22.9631	23.3719
Lap3	25.279	25.3972	25.3357	25.3033
Lars	21.0192	21.0568	21.41	21.0333
Lasp1	24.3067	24.4825	24.941	24.142
Lcp1	24.4683	24.8126	25.009	24.755
Ldb3	27.8558	27.8706	28.0131	28.1589
Ldha	29.4212	29.6544	29.3772	29.3679
Ldhb	27.1475	27.5027	27.2138	27.0674
Lect1	24.0491	24.5415	24.2303	24.5421
Lemd2	24.6321	24.3293	24.4688	24.5256
Leprel2	21.3869	21.563	21.7611	21.982
Letm1	25.9712	26.2671	25.7154	25.9518
Letmd1	23.6052	25.3985	24.2816	22.2993
Lgals1	31.9256	31.8137	31.9206	31.6984
Lgals3	25.7026	25.7714	26.6464	25.9049
Lgals3bp	nd	21.0878	21.2586	nd
Lgmn	23.3298	22.2092	23.5341	23.3655
Lifr	27.1868	26.3557	27.3565	27.044
Limch1	23.6156	24.1031	23.5381	23.9831
Lims1	27.2123	27.3758	27.4248	27.498
Lims2	26.4522	26.6753	26.8877	26.6477
Lipa	21.5986	22.6982	21.5001	21.5294
Lipe	26.1688	26.232	24.9913	24.8
Lman1	25.7698	25.7022	25.8414	25.9004
Lman2	24.1647	24.359	24.0632	24.2326
Lmcd1	28.7929	28.68	28.7845	28.7507
Lmf2	23.9704	23.6021	23.4828	24.3578
Lmna	31.5284	31.3441	31.6757	31.2148
Lmnb1	27.7056	27.8736	27.9917	27.8903
Lmnb2	25.8608	25.7335	25.7483	25.9809
Lmod1	28.3047	28.4604	28.5537	28.7372
Lnpep	24.4072	24.6604	24.31	24.6237
Lonp1	25.3147	25.5494	25.1635	25.6942

Lox	27.5776	27.663	27.4237	27.4856
Loxl1	30.1898	29.9933	30.137	30.063
Loxl3	23.0528	22.8914	23.3473	23.0589
Lpl	21.4136	nd	21.9272	22.6813
Lpp	31.0548	31.2425	31.3335	31.3609
Lrp1	28.1335	28.1941	28.215	28.3347
Lrpap1	24.6938	25.0041	24.8371	25.1411
Lrprrc	26.3637	26.4095	26.1952	26.3069
Lrrc17	28.0218	28.4087	27.7234	28.1351
Lrrc39	22.7658	22.8889	23.1962	22.9282
Lrrc40	24.3124	24.3675	nd	24.6583
Lrrc4c	25.0817	nd	24.4449	25.2192
Lrrc59	26.3289	26.3278	26.4956	26.7706
Lrrfip1	25.3347	25.1338	24.7276	25.3246
Lsm3	22.5988	22.4548	22.0272	22.6725
Lsm5	21.8915	nd	22.0783	22.4849
Lsm7	24.6257	24.2229	23.7669	24.6394
Lta4h	27.1975	27.3709	27.2154	27.1713
Ltbp1	28.5336	28.5122	28.7107	28.7351
Ltbp2	nd	nd	23.3667	23.5165
Ltbp3	23.84	24.1548	24.166	23.5957
Ltbp4	30.747	30.6392	30.8683	30.6107
Luc7l2	22.0294	22.2211	nd	nd
Luc7l3	23.0631	23.1409	22.6158	23.2886
Lum	32.6083	32.6763	32.8719	32.947
Lxn	25.8361	25.444	25.6616	25.3431
Ly6a	23.3556	23.1632	23.5819	23.5724
Ly6c1	24.3637	24.5866	24.0445	24.6004
Lypla1	26.3513	26.6623	26.1603	26.9969
Lypla2	24.8536	24.8789	24.9722	25.6737
Lym5	20.6633	21.3796	20.3281	nd
M6pr	24.3015	24.9382	24.7448	24.6113
Macf1	24.2031	24.7229	24.0717	24.4414
Macrod1	25.5833	25.9624	25.7657	25.3221
Man2c1	22.9553	23.7782	23.4105	23.7009
Manf	25.1765	25.032	24.5485	25.5872
Maoa	23.3051	24.1118	24.1985	24.3065
Maob	26.5596	26.7888	26.6818	26.8874
Map1a	25.0549	25.8365	25.8713	25.589
Map1b	27.9404	28.0598	28.3408	28.3849
Map1lc3a	24.0659	24.342	24.4033	24.3586

Map1lc3b	24.8542	24.8294	25.3547	25.3611
Map1s	22.3351	23.2922	23.0162	23.3112
Map2k1	24.9677	24.9208	24.699	24.7511
Map2k3	21.8392	22.1855	nd	22.2298
Map2k4	22.9619	22.7678	22.9978	22.5136
Map3k19	23.8834	23.6461	23.9745	23.6909
Map4	26.4855	26.4483	26.9829	26.5813
Map6	nd	23.274	23.3988	22.7489
Map7d1	23.7362	23.79	24.0619	24.1844
Mapk1	26.186	26.0932	25.8469	26.0398
Mapk14	22.0711	21.7864	nd	21.8761
Mapk3	24.4028	24.7509	24.3895	25.2456
Mapre1	25.4424	25.4413	25.4987	25.4421
Mapre2	24.3508	24.2855	24.231	23.8992
Mapre3	23.3542	23.4397	23.2822	23.2447
Mars	nd	22.8698	22.3406	22.2633
Marveld1	22.4985	nd	22.5374	22.5172
Mat2a	22.6165	22.2757	21.7824	22.9469
Matr3	26.6223	27.0612	26.6428	27.2069
Mavs	25.0856	25.0348	25.3335	25.0296
Mb	23.6624	24.8374	25.6291	24.1079
Mbd2	21.8846	22.0631	22.5187	nd
Mbl1	24.0359	23.689	23.773	23.8245
Mbl2	21.6253	21.133	nd	21.6905
Mbnl1	24.9972	24.927	25.0033	24.556
Mboat7	22.029	22.0683	21.696	22.1161
Mbp	19.1772	15.4887	29.2157	nd
Mcam	28.6063	28.4971	28.6777	28.5362
Mccc1	25.341	25.3946	24.8919	24.9318
Mccc2	24.852	25.4489	24.8763	24.8459
Mcee	22.8945	23.158	nd	23.1663
Mcfd2	22.4201	23.1451	23.2425	23.5554
Mcpt3	22.6305	22.2682	23.1987	22.4662
Mcpt4	27.9691	27.6256	28.2106	28.2687
Mcu	nd	23.6043	23.6867	23.9075
Mdh1	28.5865	28.6101	28.7998	28.4673
Mdh2	29.9306	30.0605	29.77	29.4784
Mdp1	23.3406	23.4895	23.5707	23.8719
Me1	27.2352	27.5775	27.3044	27.3201
Mecp2	24.9024	25.465	25.1742	25.5898
Mecr	25.6208	25.9612	24.941	25.5001

Megf6	22.7478	nd	22.0046	22.6957
Memo1	22.744	22.5797	22.7466	22.8046
Metap2	nd	22.274	20.1823	22.8238
Mfap2	25.8453	25.5117	26.0794	25.5676
Mfap4	31.0104	31.2536	30.8791	31.2969
Mfap5	26.9915	26.6417	27.5015	26.3667
Mfge8	29.6012	29.567	29.6954	29.4481
Mfn2	22.8822	22.5615	nd	22.7668
Mgl1	25.4334	25.3964	25.4073	25.3732
Mgp	24.2782	24.2841	24.6688	24.1155
Mgst1	24.7991	24.8754	24.3369	23.4751
Mgst3	22.1314	22.6521	22.0415	22.1126
Mical1	23.7482	24.3647	24.0691	24.378
Mical2	23.8922	24.3082	nd	24.6378
Micall1	22.4567	22.3022	21.4297	23.5698
Mif	27.8545	28.0279	28.0361	27.9668
Minos1	24.7461	25.2222	24.7288	24.8543
Mlec	nd	22.4444	23.0815	23.1181
Mmaa	21.4804	21.5217	21.4719	21.3076
Mmgt1	nd	nd	20.2243	21.6685
Mms19	21.1626	22.2899	20.9717	21.7689
Mns1	26.1973	23.8452	24.7886	24.0411
Mogs	22.4469	22.4659	22.7303	22.5422
Mp68	24.6835	25.0108	24.844	24.7211
Mpc1	24.9569	25.3797	24.588	24.2306
Mpc2	26.1839	26.4381	25.9255	25.7676
Mpp1	24.4377	23.3886	23.3981	23.296
Mpst	22.9079	22.1918	22.6061	22.8296
Mpz	26.0372	23.5228	30.3702	24.6488
Mrc1	26.2844	25.9108	26.1494	26.1798
Mrc2	22.6695	22.8755	22.7295	22.8673
Mrgprf	23.204	23.5301	23.3369	24.5476
Mri1	23.9143	24.1668	23.5505	nd
Mrpl12	22.4337	nd	22.29	22.3631
Mrps36	25.1941	24.9989	24.4857	24.1532
Mrvi1	23.553	23.9187	24.3579	24.3654
Msn	30.4153	30.2552	30.4235	30.0833
Msra	23.7232	nd	23.5322	22.716
Msrp3	25.1368	25.0038	25.7875	24.9234
Mtap	26.1189	26.2843	26.1249	26.2645
Mtarc2	24.9681	24.846	24.7508	24.998

Mtstp8	25.8927	26.1276	25.9841	26.2218
Mtch2	27.1559	27.609	27.1583	27.4787
Mtco2	28.9707	29.3833	28.7034	28.6453
Mtfr1l	23.5019	23.4964	nd	23.3253
Mthfd1	25.4979	25.1252	25.2571	25.4232
Mthfd1l	21.9705	23.449	22.2181	22.7075
Mtnd4	22.4692	nd	nd	22.3558
Mtnd5	22.417	22.7372	21.9338	22.2751
Mtor	22.2229	22.0439	22.3302	22.3526
Mtpn	27.0402	27.1916	27.2255	27.3204
Mtx1	22.764	23.0197	20.4728	nd
Mtx2	24.711	24.8061	24.3464	24.195
Mug1	28.7579	28.1939	28.4971	28.3332
Mup9	nd	nd	nd	nd
Mut	23.9686	23.8982	23.3294	23.2636
Mvp	26.8905	27.0097	27.0488	27.1486
Myadm	24.7223	24.538	24.6887	24.8285
Mybbp1a	24.9445	24.9806	24.7258	25.5701
Mycbp	22.1984	22.4923	22.6241	22.8267
Myd88	20.9313	21.0634	21.2205	21.3226
Myg1	21.8685	22.3475	nd	22.3892
Myh10	30.0364	30.1034	30.2285	30.1354
Myh11	34.6617	34.4216	34.865	34.5178
Myh11	23.3655	23.0032	23.7853	22.6879
Myh14	26.9872	26.5945	27.1704	26.3525
Myh4	22.7978	24.0952	25.1543	22.9476
Myh9	29.1401	28.9753	29.0493	29.0056
Myl1	26.7003	26.5845	27.3642	26.6125
Myl12b	27.1928	27.3376	27.6615	27.4832
Myl6	31.9303	31.8944	32.1846	32.0671
Myl6	26.5863	26.2618	27.2937	26.7589
Myl9	30.8633	30.6402	30.892	30.867
Mylk	30.3349	30.4134	30.4777	30.3108
Myo18a	nd	23.0771	22.6055	22.774
Myo1a	nd	23.3041	22.9221	nd
Myo1c	30.1952	30.2721	30.3176	30.4325
Myo1d	25.1566	25.4466	24.9754	25.7527
Myo9b	21.8169	21.717	22.1588	22.8163
Myof	27.3421	27.4439	27.5191	27.7642
N/A	22.9584	22.9944	23.3903	22.9395
N/A	20.962	20.4247	20.9151	21.5743

N/A	28.1454	27.8244	28.3384	27.4228
N/A	24.1289	23.9305	24.8605	25.101
N/A	24.9176	24.2415	25.5378	24.8355
N/A	23.13	23.4898	23.4021	23.0068
N/A	23.9789	23.9586	23.4531	24.3742
N/A	24.1289	24.4803	24.0245	24.4798
N6amt1	nd	22.7243	22.6726	23.1043
Naa15	nd	21.658	nd	20.9543
Naalad2	24.9186	25.2025	24.8168	25.4091
Naca	23.9974	25.1143	24.3617	24.3749
Nae1	21.0397	22.7659	22.4727	21.8416
Naga	23.9754	24.4556	23.8923	24.941
Nampt	25.04	25.1188	24.8297	25.1011
Nap1l1	25.6022	25.7498	25.8936	25.9548
Nap1l4	24.8546	25.1087	25.0902	25.0829
Napa	24.749	24.6622	24.7987	24.8144
Napg	23.0189	22.8345	22.4348	23.3762
Naprt	23.1306	23.1714	22.7598	23.5088
Nars	23.4663	24.0542	23.9396	24.1578
Ncald	22.3084	22.0355	23.1725	22.8302
Ncam1	25.8902	25.9054	26.1132	26.0039
Nceh1	nd	23.9041	23.5983	23.82
Nckap1	24.8783	25.124	24.9417	25.4056
Ncl	27.0156	27.1511	26.9646	27.0464
Ncln	22.9118	22.7404	22.488	22.6645
Ndrg1	25.3097	25.8529	26.2954	26.0405
Ndrg2	26.8801	27.2432	27.2127	27.6296
Ndufa1	21.8614	22.4776	21.9643	nd
Ndufa10	26.8523	27.0493	26.5319	26.5022
Ndufa11	nd	23.1086	22.8355	22.5757
Ndufa12	24.8901	25.4005	25.0885	24.2874
Ndufa13	24.7512	25.1119	24.6315	24.859
Ndufa2	22.6537	23.4414	22.2287	22.6018
Ndufa3	24.4998	24.8774	24.3482	24.1598
Ndufa4	26.5787	26.8243	26.4919	25.7958
Ndufa5	22.9356	23.6777	22.7833	22.8371
Ndufa6	25.0277	25.2438	24.6155	24.7139
Ndufa8	26.3989	26.4335	26.2362	25.6805
Ndufa9	26.1354	26.411	25.9869	26.1368
Ndufaf4	21.7953	21.9444	22.003	nd
Ndufaf7	nd	nd	20.7276	20.0301

Ndufb1	25.565	25.8821	25.1627	25.4493
Ndufb10	25.5112	25.5183	24.8446	24.7759
Ndufb3	23.9898	24.2567	23.5566	23.4712
Ndufb4	25.1222	25.2458	24.9882	nd
Ndufb5	23.1123	23.4679	22.1553	22.6365
Ndufb6	22.9735	23.3303	22.85	23.6499
Ndufb7	23.6903	23.9773	22.6217	nd
Ndufb9	24.6341	25.191	24.2374	24.4099
Ndufc2	24.9587	25.2963	24.7764	24.6331
Ndufs1	27.2658	27.6363	26.8833	26.6734
Ndufs2	26.7686	26.7667	26.4752	26.3928
Ndufs3	25.8855	26.0739	25.0502	25.3973
Ndufs4	24.4658	25.0091	23.9115	24.4225
Ndufs5	25.0781	25.3949	25.273	25.3111
Ndufs6	23.9103	23.8586	24.0287	nd
Ndufs7	24.9272	25.4276	24.5818	24.6729
Ndufs8	25.5494	25.9159	25.5519	25.2889
Ndufv1	26.9516	27.2281	26.6572	26.3656
Ndufv2	25.0115	24.8742	24.7628	24.1528
Ndufv3	21.4927	21.0205	21.3658	20.7619
Ndbl	nd	23.8666	23.6646	24.9017
Nedd4	26.8605	26.8474	26.93	27.0214
Nedd8	23.7641	24.5285	24.481	25.2529
Nefm	21.0655	20.015	27.3605	nd
Nelfcd	27.5105	26.8767	27.6835	26.4875
Nes	23.342	23.261	23.4118	23.4477
Nexn	22.9686	22.8895	22.5425	23.0521
Nfib	22.4947	21.2975	22.6174	nd
Nfic	22.7576	22.4385	22.5313	22.9359
Nfix	24.2395	24.2541	23.7281	24.0783
Nfu1	22.3726	23.2341	23.114	23.0171
Ngef	23.0532	23.4197	23.0891	23.4639
Nhp2l1	24.2343	24.091	24.3844	24.8323
Nid1	28.7255	28.5209	28.9853	28.7143
Nid2	26.4564	26.2628	26.7589	26.657
Nif3l1	21.8182	22.6171	22.0169	22.6412
Ninj1	24.2509	24.0422	23.6775	24.1003
Nit1	24.7415	24.6803	24.5548	25.0405
Nit2	30.6031	30.7098	29.9473	30.6045
Nlrx1	23.1593	nd	22.8262	23.6283
Nme1	25.0187	24.8244	25.1248	24.9889

Nme2	28.7754	28.5742	28.8266	28.5956
Nme3	21.5822	21.867	nd	21.7204
Nmral1	22.1551	22.5344	22.6472	nd
Nmt1	24.5185	25.0953	24.5584	24.8383
Nnt	26.929	27.0841	27.2474	27.1989
Nono	25.4652	25.555	25.1304	25.6502
Nop58	23.4348	23.6686	23.0802	23.5983
Notch3	nd	20.9613	20.7273	21.125
Nov	25.2697	25.0066	25.1413	24.8122
Npepl1	23.8698	23.7351	nd	23.9449
Npepps	25.9734	26.2257	26.1385	26.2161
Npm1	26.2882	26.4522	26.3272	26.5575
Npnt	24.5339	23.8824	24.5631	24.1376
Npnt	29.4042	29.3119	29.4343	29.1291
Nptn	25.5975	25.5267	25.6704	25.5097
Nqo1	24.7969	24.8386	24.638	24.6886
Nqo2	23.9558	23.7028	23.7591	24.1538
Nsf	23.9994	24.6023	24.5216	24.7426
Nsfl1c	24.6319	23.9506	24.4994	24.6628
Nt5c	25.2607	25.5073	25.0644	25.2536
Nt5e	nd	23.8622	24.6702	24.2185
Ntn1	25.9285	25.9173	25.7753	25.9247
Nucb1	25.0957	24.803	24.8597	24.521
Nucb2	22.8317	22.6641	23.2653	23.0856
Nudc	24.6274	24.7471	24.6182	24.603
Nudt11	22.2204	22.5882	nd	22.6665
Nudt16	22.5377	22.9588	22.813	23.1418
Nudt18	20.591	20.9666	20.876	20.5908
Nudt21	24.7632	24.7746	24.3845	24.9528
Nudt6	23.7953	24.4142	24.581	24.591
Nudt7	20.2563	21.5574	20.3851	nd
Numa1	23.5808	22.8772	22.5692	23.7618
Nup133	22.8868	22.8312	22.6468	22.963
Nup155	21.6868	21.717	22.0623	21.8822
Nup160	22.4965	22.0636	22.2594	nd
Nup93	22.2821	21.4752	22.4362	22.4475
Nutf2	26.8721	27.0089	26.8797	27.116
Nynrin	25.329	25.4806	25.1892	25.8006
Oat	27.953	28.2569	28.0395	28.2944
Ociad1	nd	23.2433	21.8807	22.7547
Ogdh	29.8546	30.1844	29.3652	29.259

Ogn	32.4996	32.363	32.5028	32.64
Ola1	26.0455	26.363	26.1877	26.4305
Omd	25.4823	26.2084	25.6073	26.3627
Opa1	25.5643	25.8213	25.6135	25.2718
Orm1	24.4497	24.0156	24.2099	23.794
Osbp	23.7469	24.1479	24.1618	24.2078
Osbpl11	22.2016	nd	21.3028	22.4072
Osbpl3	23.0546	23.3073	nd	23.5683
Osbpl9	22.3307	22.5887	22.8779	22.3815
Osgep	22.9781	23.284	22.3843	23.095
Ostc	24.4807	24.1889	24.5954	24.7272
Ostf1	25.3105	25.5351	25.5422	25.7259
Otub1	26.2034	26.1958	26.2391	26.5094
Oxct1	28.374	28.5805	28.2242	28.3838
Oxsr1	23.7116	23.7051	23.8919	23.772
P4hb	28.8432	28.8678	29.0468	28.858
Pa2g4	24.5974	24.5753	24.673	24.4889
Pabpc1	26.5468	26.7552	26.2781	26.7409
Pabpn1	23.259	22.6112	23.8473	nd
Pacsin2	25.5802	25.4928	25.4453	25.3744
Pafah1b1	23.8681	23.5039	24.1081	22.291
Pafah1b2	25.8252	26.0363	25.8298	26.1756
Paics	24.3662	24.8307	24.1806	24.6819
Pak2	24.3566	24.8213	24.6167	25.1055
Palld	25.5014	25.6823	25.8041	26.3483
Palm	23.0858	22.991	22.786	23.3122
Paox	nd	23.103	22.5	22.761
Papln	23.4677	23.4383	23.4293	24.1848
Papss2	23.6484	23.8153	23.1741	23.8949
Park7	28.6989	28.8366	28.9521	28.949
Parp12	nd	20.2435	20.4055	nd
Parp3	24.3916	25.4204	24.8149	25.3846
Parva	27.889	28.0009	27.7893	28.0843
Parvb	21.4153	20.6702	nd	19.6524
Pawr	25.8912	26.0581	25.7386	25.9492
Pbrm1	20.5127	nd	20.1217	20.2442
Pbxip1	26.3268	26.2026	26.1902	26.6369
Pc	27.9079	28.1497	27.6569	27.4893
Pcbp1	27.6367	27.619	27.4348	27.9148
Pcbp2	26.0828	25.9895	25.553	26.0829
Pcca	25.1619	25.0087	24.4667	24.8463

Pccb	25.7408	25.857	25.4784	25.2068
Pck2	25.1126	25.2265	24.9604	25.0264
Pcmt1	25.8807	26.1059	26.3336	26.1779
Pcolce	25.2485	25.2398	25.4255	25.4768
Pcyox1	23.64	24.345	24.0849	24.0459
Pcyox1l	22.5542	22.8951	22.599	22.8561
Pcyt1a	22.211	21.1395	nd	21.564
Pdcd10	23.8626	24.7314	24.5284	24.8264
Pdcd5	24.8732	24.6783	25.2461	25.0097
Pdcd6	26.7087	26.5501	26.5641	26.4297
Pdcd6ip	27.533	27.6055	27.3135	27.6732
Pddc1	22.4196	nd	22.6455	22.0694
Pde3a	25.315	25.7153	25.3642	25.5729
Pde5a	22.4916	22.6693	22.0458	23.1535
Pdgfrb	24.2223	24.1783	24.6879	25.0191
Pdha1	27.416	27.6559	27.0387	26.8305
Pdhb	27.9679	28.4815	27.649	27.5442
Pdhx	22.9884	23.6166	22.9782	nd
Pdia3	30.0903	30.0739	30.132	30.1765
Pdia4	26.8843	26.6134	26.8623	26.8663
Pdia5	22.7843	22.4801	22.5636	22.6431
Pdia6	27.0507	27.1588	27.1918	27.1883
Pdk1	21.8051	23.2357	21.9995	nd
Pdk2	22.0962	22.2511	21.8609	nd
Pdk3	24.1022	24.5239	24.4139	24.8384
Pdlim1	29.0201	29.0762	29.2623	29.1016
Pdlim3	28.2445	28.0989	28.348	28.3692
Pdlim4	26.6072	26.8566	26.6225	26.9319
Pdlim5	27.666	27.6248	27.8341	27.7374
Pdlim7	29.4205	29.6422	29.6322	29.6988
Pdp1	21.4397	21.7718	21.7066	22.3217
Pds5a	nd	21.4222	20.8469	21.7165
Pds5b	24.3045	24.1301	23.8927	24.4693
Pdss2	27.9578	27.6425	28.1332	27.607
Pdxdc1	22.1219	22.3706	22.3267	22.7542
Pdxk	25.3447	25.4562	25.5287	25.6079
Pea15	25.4859	25.4112	25.6356	25.5339
Pebp1	29.2148	29.2649	29.4346	29.5123
Pecam1	23.9867	24.4468	24.1301	24.4491
Pef1	25.3339	25.2687	25.0448	25.2984
Pepd	19.8685	22.1197	22.0512	22.7552

Pex19	21.1759	21.1987	nd	20.6098
Pex5	19.7758	19.8193	19.357	19.6673
Pf4	25.9995	25.4315	25.2582	25.2188
Pfdn2	23.8553	23.8743	24.0617	24.4767
Pfdn5	23.5787	23.7642	23.9409	24.214
Pfdn6	22.7175	23.4328	nd	24.0045
Pfkl	25.4465	25.897	25.3903	25.4392
Pfkm	25.6615	26.0638	25.7024	25.4547
Pfkp	27.3855	27.6565	27.5953	27.7727
Pfn1	29.8765	29.9798	30.0099	30.0022
Pgam1	28.4759	28.6557	28.6114	28.5983
Pgd	26.8445	27.1193	26.8323	27.0972
Pgk1	28.7646	28.8652	28.9166	28.7208
Pgl5	27.7892	28.127	27.8334	28.039
Pgm1	27.9616	27.9838	27.7362	27.6603
Pgm2	21.7159	21.9364	21.4531	21.9909
Pgm3	nd	22.5606	nd	22.7188
Pgm5	30.5509	30.7727	30.6303	30.7742
Pgp	24.1631	24.5758	24.1323	24.4669
Pgrmc1	26.2012	26.2647	26.5641	26.3243
Pgrmc2	23.5842	24.2261	21.7705	24.4205
Phb	27.9701	28.0624	27.709	27.8553
Phb2	26.7648	26.7786	26.5176	26.3981
Phgdh	22.128	21.6537	22.3005	22.438
Phyhd1	nd	nd	nd	20.1835
Pi15	25.9151	26.3111	26.0278	26.5159
Pi4ka	23.5456	23.799	23.5565	24.2535
Picalm	27.0783	27.3079	27.1561	27.6282
Pigs	nd	22.4821	22.4624	23.8609
Pik3r1	nd	21.6263	nd	nd
Pin1	23.2663	23.4399	22.6003	22.8293
Pip4k2a	20.9482	nd	21.4453	21.4981
Pir	20.7804	21.3504	21.5987	21.3944
Pitpna	25.0877	25.2527	25.4557	25.7284
Pitpnb	22.4051	23.0926	22.9404	23.1019
Pitrm1	24.5829	24.5936	24.1847	24.8243
Pkm	31.1872	31.3333	31.2615	31.2297
Pkm	27.384	27.7865	27.6063	27.6723
Pkn1	21.2648	22.0104	21.807	22.0745
Pla2g16	nd	19.7125	19.6832	19.7809
Pla2g4a	24.0987	24.2382	23.6618	24.1804

Plcb1	22.6333	nd	nd	23.092
Plcb3	23.5047	24.0555	23.8416	23.9244
Plcd1	27.4527	27.5648	27.2975	27.6256
Plec	29.068	29.0893	29.1946	29.4699
Plg	27.0929	26.7114	26.7071	27.0016
Plin1	28.6261	28.5844	27.8166	27.5317
Plin3	26.1681	26.4584	25.99	26.5091
Plin4	28.2187	28.237	28.257	28.3144
Plod3	22.2439	22.871	23.1738	22.4497
Plp2	23.8752	24.5195	24.0804	24.3348
Pls3	30.0034	30.1527	30.0616	30.178
Plscr3	22.4211	22.8325	23.2124	23.081
Plxdc2	22.7207	22.297	22.6229	22.7938
Plxnb2	23.7321	23.3026	23.5118	23.9417
Pml	21.5535	21.8879	21.8832	21.7619
Pmpca	24.6104	25.0626	24.2002	24.7445
Pnn	nd	22.0025	22.0656	22.0179
Pnp	25.7483	26.0326	25.8462	26.0561
Podn	24.984	25.2701	24.8147	25.733
Pofut2	22.3074	23.0333	23.1002	22.9887
Poglut1	22.4527	22.7907	22.7698	22.8263
Polr2h	22.1491	22.4611	22.3933	22.2459
Pon1	22.9236	nd	22.9251	22.4389
Pon2	21.0967	22.0844	21.6328	22.5678
Pon3	26.3522	26.4291	26.1232	26.4932
Por	26.5145	26.8596	26.7012	26.8292
Postn	32.7893	32.7689	32.8296	32.9628
Postn	24.5554	24.0988	25.071	24.0895
Ppa1	25.9659	25.6635	25.6513	25.6893
Ppa2	24.8174	25.2224	25.1375	24.9124
Ppia	31.3642	31.3538	31.5202	31.4133
Ppib	27.8081	27.7228	27.9478	27.8751
Ppic	24.4245	24.672	24.1956	24.4706
Ppid	24.4087	24.5478	24.1835	24.6511
Ppl	23.1238	23.5059	23.2601	23.3268
Ppm1b	22.2055	21.6296	22.2939	21.9891
Ppme1	23.2626	23.5866	22.7976	23.2584
Ppp1ca	24.374	24.2924	23.8731	24.1762
Ppp1cb	28.6684	28.6947	28.6145	28.7431
Ppp1cc	21.5558	21.9771	22.1746	21.5626
Ppp1r12a	28.0855	28.2586	28.3255	28.3009

Ppp1r12b	24.1686	23.5999	24.1578	23.8404
Ppp1r12c	23.3049	23.5989	23.9118	23.3625
Ppp1r14a	26.6506	26.6169	26.4607	26.9364
Ppp1r7	25.3349	25.4959	25.4064	25.4471
Ppp2ca	26.1076	26.0743	26.0682	26.1789
Ppp2r1a	28.5124	28.6388	28.4622	28.7348
Ppp2r2a	24.7057	24.8611	24.7299	24.7101
Ppp2r4	25.9021	26.1174	25.9975	26.1059
Ppp2r5a	22.505	22.9101	22.2635	22.988
Ppp2r5c	22.8691	23.4696	23.2631	23.4238
Ppp6c	nd	22.2775	21.9616	22.1801
Ppp6r3	20.1383	20.7369	20.2888	nd
Ppt1	24.8484	24.6972	24.2693	25.1929
Praf2	23.1311	23.564	23.3307	23.1556
Prdx1	29.4311	29.6152	29.5258	29.5896
Prdx2	28.6008	28.1822	28.4243	28.1343
Prdx3	26.682	26.5982	26.5832	25.9641
Prdx4	26.7484	26.8938	26.7876	26.8284
Prdx5	28.4499	28.4619	28.3259	28.386
Prdx6	28.4337	28.5875	28.4566	28.5829
Prelp	31.7796	31.9212	32.1365	32.2815
Prep	23.566	23.6655	23.5506	23.6003
Prkaa1	24.0633	24.0026	24.3124	24.1936
Prkaca	24.4955	24.4513	23.9974	24.744
Prkag1	24.5495	24.7202	24.3167	24.5916
Prkar1a	25.3785	25.4633	25.4324	25.7954
Prkar2a	23.9168	23.9351	23.9447	24.3874
Prkar2b	24.689	24.5904	24.0531	23.8574
Prkca	21.9864	22.7372	22.7629	22.4554
Prkcd	24.087	nd	23.1778	23.3117
Prkcdbp	28.8609	28.94	29.1663	28.917
Prkcsh	24.3333	24.2612	24.0326	23.8046
Prkg1	25.5435	25.7091	25.5565	25.6974
Prkra	21.6772	20.0257	22.0724	22.3078
Proc	21.3891	21.1572	nd	21.1355
Procr	23.4134	23.3302	22.8191	23.3897
Prosc	24.4824	24.6725	24.8754	24.6801
Prpf19	23.7246	24.1784	24.2986	24.1129
Prpf8	24.7394	25.011	24.9103	24.9956
Prph	24.8578	24.1595	27.47	26.1717
Prps1	23.7138	24.777	23.982	24.6221

Prpsap1	23.5229	23.9971	23.8572	24.3415
Prrc1	21.9771	22.0631	21.9308	22.9193
Psap	26.7028	26.2647	26.4569	26.315
Psip1	24.3135	24.2912	24.2285	24.7193
Psma1	26.8439	26.9776	26.6653	27.1598
Psma2	26.2743	26.3846	26.1607	26.4166
Psma3	25.2756	25.3563	25.3669	25.25
Psma4	25.5091	25.4104	24.9278	25.4464
Psma5	26.3132	26.1019	26.3263	26.2763
Psma6	26.0607	25.971	25.8156	25.7102
Psma7	26.1873	26.1787	26.0593	25.9013
Psemb1	26.8994	27.148	26.9195	27.2714
Psemb2	26.1599	26.3383	26.2458	26.5875
Psemb3	24.8924	25.0507	24.5991	25.1635
Psemb4	23.7989	24.2338	24.2124	23.6217
Psemb5	23.2192	nd	23.2946	23.7574
Psemb6	24.4444	24.7661	24.4234	24.1381
Psemb7	23.7487	24.1658	24.1256	24.3071
Psmc1	24.9617	24.8959	25.0999	24.9245
Psmc2	25.2949	25.5163	25.37	25.4391
Psmc3	26.1247	26.153	26.4215	26.3951
Psmc4	26.3266	26.274	26.2487	26.1513
Psmc5	24.9436	25.046	25.3147	25.5082
Psmc6	25.8028	26.0498	25.6972	26.1546
Psmd1	25.6021	26.193	25.5212	26.1933
Psmd11	25.9644	26.4987	26.0447	26.3141
Psmd12	24.9152	25.2513	24.8938	25.0592
Psmd13	23.4823	24.3657	24.2072	24.5999
Psmd14	25.5167	25.7227	25.3343	25.6982
Psmd2	26.5371	26.9527	26.7275	26.9101
Psmd3	24.0097	24.1926	23.7867	24.2056
Psmd4	23.2884	23.615	24.6254	23.7636
Psmd5	25.0926	25.1462	25.239	25.2556
Psmd6	23.4804	23.3917	23.5564	23.7664
Psmd7	25.5977	25.8463	25.6683	26.1292
Psmd8	23.9097	24.088	23.6212	24.2207
Psmd9	23.8704	23.6878	23.5379	23.8873
Psmc1	27.3359	27.4876	27.2813	27.4299
Psmc2	26.8386	26.9755	26.4691	26.957
Psmg1	nd	21.428	21.4267	21.5093
Ptbp1	27.8813	28.1234	27.9317	28.3474

Ptbp2	nd	22.161	nd	22.1031
Ptcd3	nd	22.5869	22.6156	22.1826
Pter	22.691	22.9948	22.2424	22.4745
Ptges2	25.1379	24.168	23.1138	23.3003
Ptges3	25.8625	26.0586	26.1159	26.3289
Ptgfrn	21.7018	21.7455	21.9152	21.65
Ptgis	30.1029	30.3531	30.181	30.476
Ptgr1	23.303	23.5537	23.2564	23.3342
Ptgr2	23.9425	23.8557	23.5489	23.9169
Ptgs1	25.5589	25.4564	25.444	25.913
Ptms	24.3614	23.406	23.964	23.4043
Ptp4a2	22.8744	23.1424	23.3439	23.3115
Ptpn11	24.2133	24.112	23.5626	24.4643
Ptpn12	20.4965	20.7629	20.4707	20.9469
Ptpn23	21.6276	21.9014	21.3491	21.6847
Ptprc	nd	nd	nd	nd
Ptrf	30.861	30.7101	30.7911	30.7494
Ptrh2	23.723	23.785	23.5829	22.2615
Puf60	22.7992	23.2165	23.2093	23.3518
Pura	25.2142	25.3084	25.5429	25.4857
Pxdn	23.2403	22.9222	22.8423	23.0011
Pxn	25.1994	25.6647	25.2684	25.8649
Pygb	28.1459	28.3538	28.078	28.3903
Pygl	24.6823	24.9153	24.3023	24.4994
Pygm	28.2418	28.4351	28.3665	28.3086
Qars1	25.9645	26.4393	26.3843	26.6713
Qdpr	26.0718	26.15	25.9684	26.2361
Qil1	24.647	24.8157	24.3272	24.4698
Qki	21.7792	22.3667	21.7857	22.29
Rab10	25.7772	25.627	25.9097	25.5891
Rab11b	25.874	25.8298	26.1947	25.9046
Rab12	21.1295	21.9301	22.1284	21.9797
Rab14	26.182	26.4851	26.472	26.3552
Rab18	23.9074	23.9416	23.8164	23.8812
Rab1A	26.651	26.6525	26.7671	26.8627
Rab1b	24.2338	24.5236	24.7032	24.6432
Rab21	25.2505	24.937	25.3291	25.3727
Rab27b	21.2208	21.2488	20.9109	21.1776
Rab2a	24.7641	24.2868	24.8897	24.438
Rab34	22.4699	22.7516	22.8285	23.1293
Rab35	24.3719	24.4621	24.1183	24.3169

Rab5a	24.2262	23.427	nd	24.2221
Rab5b	26.4379	26.3418	26.3797	26.4996
Rab5c	25.2119	25.1912	25.1465	25.1125
Rab6b	24.4857	24.3965	24.5365	24.4113
Rab7a	26.1218	26.2182	26.1401	26.2057
Rab8a	23.4822	23.2497	23.447	nd
Rab8b	22.2783	22.3849	22.5134	22.929
Rac1	28.3514	28.4696	28.5008	28.4941
Rad23b	24.625	25.0919	24.9431	24.7352
Rala	24.3434	25.1739	25.0384	25.2162
Raly	22.8946	22.8239	22.863	nd
Ran	27.0302	26.8783	26.8385	26.9144
Ranbp1	25.4912	25.676	25.7814	25.683
Ranbp2	22.9048	23.3098	23.5937	23.7452
Rangap1	20.7532	19.4131	20.9172	nd
Rap1a	25.4505	25.6362	25.4809	25.7163
Rap1b	28.45	28.2178	28.4287	28.372
Rap2c	nd	20.9045	20.8574	21.3174
Rarres2	23.8376	23.9273	24.3384	24.1143
Rars	26.3686	26.6887	26.3444	26.4508
Raver1	nd	22.1219	21.6235	22.1354
Rbbp4	24.5278	24.5675	24.7537	24.7447
Rbbp7	23.1038	22.8777	22.8413	23.1394
Rbbp9	27.3087	27.6422	27.2911	27.5489
Rbm14	nd	21.703	20.8434	20.9886
Rbm19	nd	23.9059	23.2821	23.9334
Rbm25	23.4897	23.9262	23.5255	21.4866
Rbm3	25.7264	26.1819	25.5532	26.2864
Rbm39	23.5207	23.0541	23.0364	23.5893
Rbmxl1	22.9083	23.2933	23.1044	23.6156
Rbp1	28.0102	28.0775	27.989	28.1532
Rbp4	23.2214	23.2922	23.6766	23.021
Rbpms	26.1819	26.4501	26.5684	26.7789
Rbpms2	nd	22.9137	22.6383	23.0416
Rcc1	nd	22.0326	nd	21.8563
Rcn2	22.5918	22.8049	22.3817	22.5479
Rcn3	25.2846	26.0794	25.8574	25.773
Rdh11	nd	23.1139	22.8447	nd
Rdh14	21.642	21.7194	22.0853	22.2744
Rdx	23.4319	23.5393	23.0246	23.3953
Reep5	24.4459	24.6421	24.9758	23.9589

Rexo2	22.6159	21.5345	22.5173	22.369
Rgs18	23.9725	24.4938	24.2255	23.8645
Rhoa	28.3608	28.3962	28.744	28.5101
Rhob	23.0904	22.8773	22.7195	23.6323
Rhoc	24.7165	24.5443	24.6606	24.397
Rhoq	20.0386	20.4538	19.7503	nd
Rhot1	23.5839	23.8615	23.1255	23.269
Rilpl1	22.546	23.4017	22.7272	23.137
Rmdn1	23.1788	23.593	21.86	nd
Rmdn3	23.377	23.776	22.7654	22.9963
Rnase4	23.269	23.649	23.1383	23.4092
Rnh1	27.4751	27.7019	27.6839	27.8618
Rnpep	25.0775	25.5558	25.0492	25.3906
Rock1	26.4869	26.5112	26.4651	26.7497
Rock2	23.9319	24.0511	23.9809	24.2277
Rpa2	20.876	20.6152	20.8843	nd
Rpe	22.6187	22.5741	22.6014	22.5555
Rpl10	26.4961	26.5865	26.7852	26.7425
Rpl10a	26.6964	26.4765	26.6768	26.7234
Rpl11	24.3616	24.3571	23.9996	25.0507
Rpl12	26.5302	26.1249	26.5696	26.3257
Rpl13	26.7528	27.1485	27.2285	27.3269
Rpl13a	24.6517	24.9951	25.0114	25.3533
Rpl14	26.1077	26.2896	26.323	26.4088
Rpl15	26.4674	26.5452	26.2564	26.7104
Rpl17	26.9166	26.9871	26.941	27.103
Rpl18	24.5721	25.3756	25.425	25.3873
Rpl18a	24.0357	24.3324	24.3756	24.4381
Rpl19	24.1756	23.6877	23.44	23.4501
Rpl21	24.7016	24.9175	25.2574	25.4527
Rpl22	24.9449	24.5571	25.0141	25.0537
Rpl23	26.1473	26.3278	26.2355	26.2245
Rpl23a	24.8037	24.8969	25.3568	24.5551
Rpl24	26.7012	26.5904	26.4315	26.7222
Rpl26	24.9751	24.9712	25.2257	25.3055
Rpl27	24.7444	24.7043	24.8753	24.7139
Rpl27a	26.2255	26.4506	26.2735	26.3375
Rpl28	24.9829	25.0137	24.7532	24.8616
Rpl29	23.7607	23.5309	23.6861	23.9478
Rpl3	26.7252	26.7409	26.8573	26.5825
Rpl30	24.4118	24.227	23.8107	24.3231

Rpl31	26.1053	26.6047	26.1122	26.7264
Rpl32	25.4487	25.6727	25.4167	25.4965
Rpl34	24.4603	24.4977	24.8021	24.5629
Rpl35	23.9147	23.9632	23.8231	24.377
Rpl35a	23.8798	22.5759	24.1828	24.5071
Rpl36	24.6874	24.2067	24.4393	24.3786
Rpl37a	23.7793	23.9021	23.7546	23.4377
Rpl38	23.8203	23.8404	23.493	23.8134
Rpl39	24.6577	25.2763	24.5429	24.8868
Rpl4	28.4667	28.4749	28.525	28.6148
Rpl5	26.5096	26.611	26.3074	26.7167
Rpl6	26.4034	26.6125	26.6331	26.6251
Rpl7	26.7235	26.8042	26.6859	27.0114
Rpl7a	26.8019	26.8881	27.0451	26.9547
Rpl8	26.4865	26.3176	26.3778	26.4583
Rpl9	24.9334	24.7692	24.5832	24.9486
Rplp0	27.2527	27.2917	27.3533	27.4849
Rplp1	27.9474	28.1234	27.7712	28.1025
Rplp2	27.2463	27.168	27.3663	27.502
Rpn1	27.6078	27.7097	27.6514	27.69
Rpn2	27.6121	27.732	27.8065	28.032
Rps10	25.6336	25.5251	25.3221	25.7911
Rps11	25.3064	25.0716	25.1309	24.8288
Rps12	25.6157	25.8068	25.9265	25.6658
Rps13	27.3202	27.5587	27.5556	27.6675
Rps14	24.7399	24.7163	24.9311	24.1598
Rps15	25.6994	26.2049	25.5579	26.3272
Rps15a	26.1401	26.146	26.2955	26.2929
Rps16	22.6112	22.9452	23.492	23.9123
Rps17	26.2368	26.2867	26.0585	26.674
Rps18	26.8854	26.8889	26.7441	26.9652
Rps19	26.4876	26.7954	26.632	27.2882
Rps2	26.3863	26.0731	26.3014	26.0203
Rps20	24.8457	24.8554	25.2974	25.3294
Rps21	23.392	23.2293	nd	23.3802
Rps23	24.5858	24.2969	24.7198	24.5005
Rps24	25.0366	25.0322	24.9599	24.904
Rps25	24.9336	25.4093	25.6075	25.0635
Rps26	25.0009	24.8104	24.9239	24.3652
Rps27a	28.2281	27.6288	28.1011	27.5508
Rps27l	27.1446	26.1534	27.6087	26.796

Rps28	23.9274	23.1369	21.8168	22.919
Rps29	24.1455	24.2641	23.4189	23.8799
Rps3	26.2922	26.2544	26.3476	26.2907
Rps3a	27.2636	27.4743	27.5896	27.6682
Rps4x	27.2328	27.3635	27.2033	27.657
Rps5	26.1067	26.305	26.2702	26.556
Rps6	24.9908	26.1215	nd	nd
Rps6ka3	21.9782	22.0277	22.3715	22.4352
Rps7	26.1289	26.247	26.0851	26.2479
Rps8	27.1674	26.9826	26.9133	27.0453
Rps9	26.7792	26.9158	27.1356	26.8954
Rpsa	28.158	28.1835	28.0947	28.3308
Rptor	20.3169	20.5863	20.252	nd
Rrad	nd	nd	23.2326	23.7104
Rras	27.6565	27.6557	27.628	27.6375
Rrbp1	27.0453	27.1417	27.3514	27.4324
Rsu1	29.8023	29.983	29.8285	30.1386
RtcA	22.4815	22.4527	20.622	22.9155
Rtcb	25.1312	25.4886	25.5564	25.3199
Rtn1	23.5791	22.8858	23.5246	22.5616
Rtn2	nd	22.3696	22.9282	22.6515
Rtn3	25.7281	25.5825	25.8833	25.4272
Rtn4	nd	22.975	23.8325	23.4633
Rtn4	26.902	26.9171	26.6382	26.9349
RTRAF	24.9116	25.1042	24.9907	25.1396
Rufy1	nd	22.7031	22.7034	23.1102
Ruvbl1	24.2474	24.3251	24.4527	24.7048
Ryr1	24.7988	23.7485	nd	24.4056
S100a1	22.2112	21.9175	21.8785	21.6006
S100a10	28.9765	28.7265	29.2101	28.9191
S100a11	29.4185	29.2855	29.1431	29.5217
S100a13	23.6967	22.5603	22.3458	23.743
S100a3	19.8741	nd	nd	nd
S100a4	31.9806	31.8979	31.9677	32.4656
S100a5	24.4533	nd	24.0646	25.3676
S100a6	26.4587	26.6929	26.8671	26.7928
Saal1	21.8839	nd	21.8972	21.9776
Sacm1l	23.7681	23.8897	24.043	24.2207
Sae1	24.7225	25.1106	24.5361	25.2971
Safb2	23.8374	nd	24.6033	nd
Samhd1	25.9852	26.2415	26.1132	26.3764

Septin9	26.9796	27.0928	27.1765	27.4274
Serbp1	23.4425	23.4541	23.8089	23.6351
Serpina1a	25.1908	25.1099	25.2776	24.7342
Serpina1b	27.7398	27.3311	27.276	27.3045
Serpina1c	30.8556	30.2611	30.7944	30.0308
Serpina1d	27.6407	27.3981	27.7485	26.9699
Serpina1e	27.5553	26.9671	27.7741	26.9739
Serpina3k	28.8945	28.2064	29.0747	27.752
Serpina3m	28.0652	28.7136	28.6479	28.219
Serpina3n	23.4299	23.5385	23.6595	23.3233
Serpina6	21.8236	21.4765	21.5682	21.2246
Serpinb1a	22.7818	22.5437	22.8475	nd
Serpinb6	28.1468	28.2859	27.9682	28.3616
Serpinc1	29.4508	29.2065	29.4519	29.6688
Serpind1	25.2738	25.0049	25.1267	25.4056
Serpine2	27.7726	27.6988	27.8055	27.901
Serpinf1	26.8737	27.007	26.7296	27.2031
Serpinf2	22.8627	nd	22.2088	22.8973
Serping1	24.9771	24.4522	24.7766	24.8933
Serpinh1	30.5425	30.4619	30.557	30.78
Set	23.7959	24.4977	24.2857	23.7122
Setd7	nd	21.8363	21.7641	21.8658
Sf1	23.9295	24.7093	24.2758	24.9983
Sf3a1	22.2547	nd	nd	23.0961
Sf3a2	22.5537	22.5606	22.1295	22.6168
Sf3b1	23.2506	24.1994	24.4739	24.0988
Sf3b3	23.1304	23.1491	23.4672	23.9925
Sf3b4	22.8931	23.0653	23.2431	22.985
Sfn	25.4427	24.9971	25.7905	24.6318
Sfpq	26.0137	25.9424	26.1904	26.1265
Sfrp1	24.8495	25.3078	24.6578	25.2592
Sfxn1	24.0636	24.667	24.4739	24.6403
Sfxn3	28.2004	28.3552	28.4562	28.6154
Sgca	24.7249	24.7537	25.1187	25.0166
Sgcb	25.0758	25.3558	25.0058	25.2379
Sgcd	26.0257	25.8782	26.4747	26.3538
Sgce	26.8817	26.8094	26.7353	27.1302
Sgcg	23.5892	23.5122	nd	23.4527
Sgpl1	nd	21.5832	21.5122	21.4775
Sgta	nd	27.1396	26.4504	26.7645
Sh3bgrl	28.0133	27.818	27.8324	27.5802

Sh3bgrl3	24.7351	24.7397	24.7395	24.672
Sh3d21	29.3225	29.1367	29.4309	28.9622
Sh3gl1	22.8991	22.9357	22.8438	22.8279
Sh3glb1	23.8496	23.7477	24.1238	24.2524
Sh3glb2	24.7511	24.3251	24.3759	24.3389
Sh3pxd2a	nd	23.3869	23.5014	nd
Shmt2	23.481	23.6938	23.6659	24.1563
Sim2	23.7775	23.6938	23.9185	24.0733
Sirt2	nd	21.969	nd	nd
Skiv2l2	22.9506	23.2996	22.9198	23.3983
Skp1	24.6667	25.0489	24.5131	24.7096
Slc12a6	21.578	22.4159	22.012	22.214
Slc1a5	22.8277	22.4958	22.8472	nd
Slc25a1	25.8441	26.1657	26.0882	25.9051
Slc25a10	23.5129	23.5698	23.3362	23.6192
Slc25a11	25.8975	25.8014	25.6443	25.7995
Slc25a12	26.3921	26.7275	26.6355	27.1407
Slc25a20	25.2065	25.6645	23.8204	nd
Slc25a24	24.5867	24.9474	24.7079	25.0081
Slc25a3	27.3436	27.4123	27.3572	27.3593
Slc25a4	30.3067	30.5047	30.3258	30.3522
Slc25a42	23.1063	23.5043	21.8514	22.0915
Slc25a5	28.0562	27.9309	27.6768	27.4875
Slc25a51	22.8812	23.2943	nd	22.6165
Slc27a1	21.5645	22.0055	22.0272	22.0474
Slc29a1	20.538	21.105	21.3326	21.1914
Slc2a1	22.1401	nd	23.0039	21.692
Slc3a2	23.1846	22.6635	22.2823	nd
Slc44a2	24.5102	24.3095	24.7061	25.1033
Slc4a1	29.2442	28.2882	28.7792	28.8015
Slc4a7	23.8474	22.4346	23.1781	22.8827
Slit3	23.7443	24.0089	23.1931	24.084
SImap	27.9477	28.0103	28.094	28.2051
Smarca2	23.6005	nd	23.3834	23.3129
Smarca5	23.3009	23.9471	23.7187	23.6924
Smarcc2	23.1691	23.6382	23.3259	23.3502
Smc1a	22.5828	22.9042	22.8863	23.1101
Smc3	20.3706	21.4408	nd	21.5615
Smdt1	20.8529	21.5504	21.1205	21.3505
Smoc1	26.1094	26.3011	26.18	26.4019
Smpd4	22.6783	22.0714	21.8672	22.9002

Smpdl3a	21.5862	21.6727	nd	21.8243
Smpdl3b	21.9379	21.7389	21.556	22.0611
Smtn	29.6759	29.5233	29.9545	29.7781
Smu1	23.106	23.8369	22.8865	23.7728
Sncg	25.0988	25.2517	25.7421	24.7147
Snd1	26.6085	26.426	26.3898	26.8933
Snrnp200	24.6941	25.0846	24.4836	25.0832
Snrnp70	24.1407	24.3276	23.9989	24.5294
Snrpa	23.4135	24.1189	23.6032	23.8373
Snrpb	24.4526	24.529	24.4786	24.7724
Snrpb2	23.356	24.1033	23.8963	23.916
Snrpd1	25.4582	25.8191	25.281	25.817
Snrpd3	23.8494	23.8643	23.6989	23.6882
Snrpe	24.5188	25.0521	24.8265	25.473
Snrpf	23.4827	23.3431	23.5206	24.0849
Snrpg	21.5873	23.449	23.3938	nd
Snta1	25.0809	25.2296	25.2807	24.8755
Sntb1	26.6564	26.6836	26.5906	26.6422
Sntb2	26.5479	26.6919	26.6824	26.7119
Snx1	24.8054	24.2362	24.5862	24.4792
Snx12	23.3938	23.1588	23.6	23.2598
Snx17	22.6771	22.7994	22.7951	nd
Snx18	26.1006	26.2416	25.8585	26.3929
Snx2	23.0406	23.325	23.9402	23.5197
Snx3	24.2081	24.4413	24.2219	24.6676
Snx4	21.1453	21.0569	nd	22.185
Snx5	23.1664	23.1586	22.9814	22.863
Snx6	22.0722	22.5655	23.2334	22.9263
Snx9	24.5089	24.5201	24.4746	24.5945
Sod1	29.0833	28.6698	29.2439	28.5613
Sod2	27.4924	27.464	27.0196	26.9193
Sod3	30.351	30.1005	30.2804	30.294
Sorbs1	27.0993	27.4536	27.6677	27.535
Sorbs2	27.2465	27.2626	27.7591	27.7236
Sorbs3	25.4479	25.7911	25.8128	26.1508
Sord	23.833	23.9355	24.0326	23.478
Sost	27.1966	27.0984	26.8278	27.2174
Spag9	nd	22.3347	21.2385	22.4751
Sparc	25.929	25.6173	25.6057	25.5079
Sparcl1	nd	22.8984	23.4509	22.7136
Spcs2	23.782	23.1176	23.6608	23.1606

Spon1	24.749	24.1754	24.7672	24.8794
Spr	26.8485	27.1997	27.0127	27.1091
Spta1	27.6318	26.6651	27.0047	27.2663
Sptan1	29.9983	29.8655	30.2321	30.0812
Sptb	27.4106	26.293	26.6449	26.8616
Sptbn1	30.0223	29.928	30.2359	30.0997
Sqrdl	25.2178	25.1798	25.3053	25.3553
Sri	26.3098	26.3263	26.5746	26.3772
Srm	24.3642	24.0364	24.9564	24.0996
Srp14	22.0477	22.0189	22.0275	22.3122
Srp54	22.6106	22.9691	22.5623	22.7457
Srpr	20.5538	21.5028	21.12	nd
Srpx	24.9432	24.9602	24.6047	25.0182
Srrm1	22.7807	23.4339	23.1347	23.4879
Srrt	nd	24.0217	23.681	24.4113
Srsf1	23.2931	23.6917	23.6261	23.561
Srsf10	23.5133	23.555	23.3515	23.5093
Srsf2	24.3159	24.3	24.1055	23.918
Srsf3	25.2844	25.4262	25.6182	25.5306
Srsf6	24.1239	23.9563	24.8418	24.0284
Srsf7	23.4262	23.5195	23.7449	23.8005
Ssb	25.6245	25.6137	25.4823	25.8941
Ssbp1	nd	23.8902	nd	23.7964
Sspn	nd	22.0975	nd	21.6876
Ssr1	24.3809	24.6215	24.5198	24.4887
Ssr4	23.1122	23.0002	23.1721	22.8326
St13	25.7873	26.2227	25.9182	26.1294
St3gal5	22.4996	22.7987	22.6268	22.7107
Stat3	24.7081	25.0988	24.7875	25.1406
Steap3	24.0689	24.5122	23.4563	24.3467
Stim1	23.3309	23.3927	23.161	23.5603
Stip1	27.1287	27.1019	27.4355	27.2546
Stk24	25.4118	25.5545	25.4179	25.8642
Stk39	nd	22.5545	nd	22.4782
Stom	26.5327	26.5109	26.4244	26.295
Stoml2	24.385	24.4083	24.0384	24.5825
Ston1	20.0441	19.5959	nd	19.6
Strap	nd	22.9537	nd	nd
Sts	23.0241	23.5767	23.6334	23.9206
Stt3a	22.2624	22.2791	22.8965	nd
Stt3b	22.3702	22.8598	22.7838	22.6075

Stx12	24.6609	24.3432	24.1552	24.367
Stx16	22.9694	22.7891	22.3274	23.1775
Stx7	22.9434	23.0119	22.6608	22.9928
Stxbp1	24.8525	24.9417	25.1018	25.1441
Stxbp3	25.3762	25.7191	25.4437	25.6899
Sucla2	26.8943	27.1501	26.3894	26.2066
Suclg1	27.7694	28.2227	27.0747	27.2525
Suclg2	25.603	25.4389	25.254	25.4612
Sugt1	23.1345	23.1769	nd	22.7812
Sulf1	22.7244	22.66	nd	22.7395
Sun1	24.1697	24.1148	23.7732	23.8236
Sun2	26.517	26.6706	26.7717	27.131
Suox	nd	22.4577	22.4078	22.5127
Surf4	23.8157	23.4737	23.3317	23.8647
Susd2	26.0524	26.0789	26.1991	26.4296
Svil	24.5111	24.9718	25.078	24.8418
Sync	nd	21.8258	22.2761	21.8753
Syncrip	25.7402	25.852	25.8257	25.7074
Syne1	24.806	24.8174	24.6836	25.1745
Syne2	23.197	23.6662	23.2919	23.3974
Sym	23.0432	22.8508	23.1437	23.0696
Synpo	25.5954	25.7659	25.9464	25.795
Synpo2	28.7556	29.056	29.103	29.1694
Tagln	33.3708	33.4278	33.4996	33.4862
Tagln2	33.1786	33.2018	33.3195	33.1942
Tagln3	26.2797	25.7213	26.1969	25.7116
Taldo1	26.5126	26.828	26.472	26.6185
Tapbp	24.4873	24.9643	24.256	24.6745
Tardbp	26.2591	26.0697	26.0968	26.1513
Tars	24.4198	24.5509	24.3251	24.8764
Tbc1d1	nd	20.8009	nd	21.4837
Tbcd	21.4491	22.0561	21.5077	22.0326
Tcea1	22.3118	22.9649	22.8792	22.9676
Tceb1	23.6745	23.8907	24.1608	23.2826
Tceb2	24.7939	25.3034	24.9208	25.2584
Tcn2	nd	21.2622	20.7616	21.4736
Tcp1	27.1153	27.2256	27.1229	27.3699
Tes	27.0758	27.3048	27.1963	27.547
Tf	30.8896	30.4267	30.8866	30.3446
Tgfb1i1	30.4877	30.7755	30.6541	30.876
Tgfb1	28.8669	29.1108	29.1709	29.4172

Tgm2	30.0837	30.0804	30.174	29.996
Th	22.2039	22.1553	nd	23.8977
Thbs1	26.869	26.0077	26.2367	25.931
Thsd4	26.7622	26.6161	26.9116	26.7666
Thumpd1	21.8653	22.7132	21.3383	23.0026
Thy1	25.3814	25.5625	25.9103	26.5489
Timm13	24.2316	25.7437	25.0627	24.0518
Timm44	nd	22.5195	22.022	22.215
Timm50	21.1308	21.6626	21.3122	21.7226
Timp3	23.248	23.1552	23.3516	23.8673
Tinagl1	29.7973	29.8604	29.9021	30.0373
Tjp1	23.6721	23.4253	24.3464	23.3275
Tkt	29.9347	30.145	29.9959	29.6569
Tln1	33.0964	33.1919	33.2271	33.2938
Tln2	24.2505	24.5238	24.7566	25.0993
Tmco1	nd	22.4977	21.9529	22.8012
Tmed10	25.6264	25.8598	25.8491	25.7818
Tmed2	24.7219	24.7608	24.6764	25.1227
Tmed9	23.4591	23.4686	23.0268	nd
Tmem14c	24.5384	24.2794	24.6553	24.4958
Tmem167a	20.9189	21.3888	20.9777	21.7735
Tmem256	22.7348	nd	21.9752	22.9788
Tmem43	27.6792	27.8317	27.5752	27.9681
Tmod1	22.3998	nd	22.2235	nd
Tmod3	25.1732	25.4999	25.3214	25.482
Tmpo	27.375	27.4247	27.4371	27.5617
Tmpo	23.4077	23.4157	23.2412	23.4754
Tmsb10	22.7549	22.4684	23.1574	22.337
Tmsb4x	27.5322	26.7379	27.5536	26.6946
Tmtc3	22.4138	22.3291	22.6998	22.8048
Tmx1	24.0861	23.9577	23.0121	24.2349
Tmx2	20.8545	20.7268	20.7999	20.8595
Tmx4	22.072	22.1151	22.2406	22.8318
Tnc	nd	23.0022	23.1742	23.9912
Tnfaip8	nd	21.9786	21.6082	22.3007
Tnpo1	24.9319	25.1575	24.9973	25.265
Tnpo2	22.543	22.8977	22.7843	23.3395
Tnpo3	23.3335	24.582	23.7753	24.1917
Tns2	26.9215	27.0991	27.1976	27.5311
Tom1	22.962	22.4447	22.5133	22.8634
Tom1l2	24.0848	24.3444	23.9036	24.4242

Tomm22	23.1779	23.0382	23.684	22.8141
Tomm34	23.19	nd	22.8457	23.5736
Tomm5	nd	21.0606	nd	21.2652
Tomm70a	23.3115	24.244	23.979	24.532
Top2a	27.1566	26.3433	26.3005	26.1423
Top2b	23.5776	24.3149	24.2208	24.5589
Tor1aip1	23.0957	23.1897	24.0808	22.0338
Tor1aip2	nd	nd	22.0479	nd
Tor1b	23.1982	23.3839	22.7651	23.3915
Tor3a	21.8653	22.0827	nd	20.9388
Tpd52	nd	nd	nd	22.1987
Tpd52l2	25.4374	25.287	25.0237	25.3376
Tpi1	29.4896	29.5134	29.6093	29.4414
Tpm1	29.8105	29.678	30.2368	29.964
Tpm3	28.9858	28.5414	28.9097	28.5231
Tpm4	26.7528	26.4403	26.6792	26.7959
Tpp1	24.9457	25.0286	24.9784	25.2562
Tppp	21.1659	21.2447	20.8843	21.2025
Tppp3	28.1399	27.9504	28.3896	27.8504
Tpr	22.64	22.7821	22.3315	23.746
Tprg1l	21.9702	22.6744	22.261	22.4135
Tprkb	20.4673	21.4998	nd	nd
Tpt1	26.811	26.479	27.1383	26.5471
Trap1	22.7875	23.1236	22.2148	nd
Trappc2	20.7596	20.7131	20.899	nd
Trappc3	22.8106	23.1152	23.2504	23.3384
Trappc6b	23.3316	23.5865	23.3696	23.6967
Trim23	20.8574	nd	nd	21.7836
Trim28	25.2257	25.4598	25.2664	25.4996
Trim47	24.5942	24.7583	24.4205	24.5738
Trio	22.4935	22.4715	22.4598	22.7317
Trip10	27.3607	27.3277	27.3908	27.7389
Trip6	25.7218	25.6756	25.6574	25.6039
Trmt112	22.1773	23.1332	21.4958	23.1838
Trnt1	22.4188	22.5152	22.502	nd
Tsn	24.193	23.5594	24.3149	24.297
Tsnax	24.3617	24.3138	23.8013	24.4846
Tspan4	23.8376	23.8845	23.4933	24.1258
Tspan9	22.7964	23.3041	23.0789	22.5727
Tspo	25.3559	26.2865	25.2156	26.0424
Tst	24.4573	24.2603	24.4566	24.1703

Ttc28	21.3396	21.5086	21.0697	22.4705
Ttc38	23.7163	24.2641	23.856	24.2436
Ttll12	22.4244	22.6676	nd	21.5031
Ttn	27.5975	22.1201	21.8924	22.1961
Ttr	27.8705	27.4155	27.6348	27.7383
Tuba1a	25.2027	25.8536	25.977	26.5848
Tuba1b	31.6569	31.726	31.9144	31.8692
Tuba1c	27.6675	27.798	28.1151	28.0168
Tuba4a	24.1236	23.5822	25.2901	nd
Tubb2b	27.4703	27.5272	27.9993	27.9329
Tubb3	25.9131	26.1359	27.5998	26.9016
Tubb4a	24.0679	23.6823	24.9746	24.0886
Tubb4b	32.1516	32.2294	32.4842	32.4078
Tubb5	29.1827	28.8451	28.9029	29.2039
Tubb6	25.6622	25.7631	25.8944	25.757
Tufm	26.6263	26.7519	26.5232	26.4313
Twf1	23.787	24.1327	24.0885	24.1661
Twf2	23.0734	23.0487	22.6831	23.0903
Txn	27.9534	28.0099	28.1793	28.3634
Txn2	23.5584	23.459	23.1107	22.6048
Txndc17	25.0537	25.2242	25.1172	25.333
Txndc5	26.2904	26.4888	26.4997	26.8405
Txn11	24.439	24.7156	24.7246	24.7295
Txnrd1	24.764	25.1494	25.1334	25.3398
U2af1	23.5116	23.723	23.656	23.5564
U2af2	24.5554	24.9748	24.6162	24.9983
Uap111	24.0794	24.4241	24.3147	24.1198
Uba1	29.4733	29.5684	29.4879	29.6455
Uba2	23.4967	23.4726	23.5393	23.1879
Uba3	22.4081	22.1676	22.2937	22.3441
Uba5	24.5781	24.5091	nd	24.4447
Uba2l	22.1379	21.9878	22.3194	22.6717
Ube2d2	24.7457	25.4008	24.971	25.1745
Ube2i	22.7381	23.0842	22.9534	23.1618
Ube2k	23.1045	23.2397	nd	23.2646
Ube2l3	26.7129	27.2474	26.7847	26.8735
Ube2n	27.253	27.3601	27.3248	27.3088
Ube2v2	24.8895	25.1881	24.5937	25.1353
Ube3c	28.9801	28.8968	29.1837	29.092
Ube4a	nd	21.5201	20.8129	21.481
Ube4b	21.9642	20.8287	nd	nd

Ubl5	20.1689	20.2696	nd	19.2709
Ubqln1	23.6503	23.752	24.173	23.9956
Ubqln2	nd	22.3949	22.815	22.8455
Ubr4	23.5777	24.0276	23.6209	23.9809
Ubxn1	23.4325	23.4317	23.0466	23.1927
Ubxn6	nd	23.1119	22.9727	23.1925
Uchl1	27.3411	27.413	27.9841	27.3933
Uchl3	nd	nd	nd	23.1218
Ucp1	27.8342	28.7477	27.221	25.7173
Ufc1	24.8138	25.3788	25.1746	25.2694
Ufd1l	24.0572	24.654	24.2471	24.4762
Ufm1	25.0124	25.0998	24.955	25.1286
Ugdh	24.7024	24.5859	25.1493	24.1455
Uggt1	26.6882	26.696	26.1517	26.9315
Ugp2	25.2054	25.4484	25.4196	25.3095
Ugt1a9	21.2128	21.5358	21.1806	20.7981
Umps	20.2749	20.3566	nd	19.9289
Unc45a	26.4845	26.7523	26.4455	26.7871
Upf1	24.5904	24.9501	23.9781	24.6194
Uqcr10	25.6253	25.8528	25.1395	25.0968
Uqcr11	24.1433	24.6895	23.8054	24.309
Uqcrb	26.5748	26.7221	26.0326	25.8491
Uqcrc1	28.4464	28.5256	27.975	27.8275
Uqcrc2	29.0059	29.2694	28.5885	28.4492
Uqcrfs1	27.1826	27.3503	26.4858	26.657
Uqcrh	25.0215	24.7437	24.8777	24.0806
Uqcrq	26.6711	27.1237	26.6244	26.2534
Urod	22.5205	22.5151	22.1621	22.8393
Usmg5	21.738	22.2767	21.6015	nd
Uso1	23.9279	24.2147	24.1329	24.4415
Usp14	24.3552	24.766	24.3286	24.9032
Usp15	20.7707	nd	20.5958	20.9075
Usp20	25.7733	25.9136	25.3476	25.6922
Usp4	23.2425	23.6495	nd	23.2932
Usp5	26.5524	26.9261	26.5813	26.5747
Usp7	22.9781	22.4478	22.7113	22.4174
Usp9x	26.1327	26.2022	26.3185	26.8175
Vac14	20.6121	20.5098	20.121	20.7925
Vapa	25.2256	25.4286	24.8936	25.2683
Vapb	24.8345	24.1685	25.0124	24.111
Vars	25.7865	25.6731	25.5361	25.9044

Vasn	22.9091	22.8925	20.7908	23.1825
Vasp	26.7659	26.9141	27.0142	27.0263
Vat1	28.1637	28.2681	28.2695	28.4683
Vat1l	nd	nd	22.926	21.4361
Vbp1	22.7068	22.8737	23.0971	23.2217
Vcan	28.545	28.5197	28.564	28.6555
Vcl	32.7644	32.7513	32.9748	32.8711
Vcp	29.4034	29.3881	29.4261	29.4984
Vdac1	28.457	28.3903	28.3264	28.3249
Vdac2	27.2377	27.4364	27.0639	27.1891
Vdac3	24.6493	25.2132	25.5271	25.4735
Vim	34.3679	34.3572	34.6466	34.5175
Vkorc1	23.139	22.8996	23.5169	nd
Vkorc1l1	21.3886	21.7011	21.5143	22.0291
Vps25	23.5754	24.309	24.0277	24.352
Vps26b	22.4926	22.714	22.7917	23.1637
Vps28	22.2895	22.6825	22.9602	22.1611
Vps29	25.0569	25.4446	25.0941	25.9075
Vps35	26.7416	26.8711	26.7572	26.9591
Vps35l	20.475	21.0778	nd	20.3381
Vps36	22.8	22.7194	nd	23.3396
Vps45	21.7548	21.9087	21.6894	nd
Vps4a	21.7383	21.863	nd	22.2283
Vps4b	24.9667	25.2241	24.9039	25.4468
Vta1	21.8734	21.915	22.4992	22.5027
Vtn	26.0338	25.7532	25.928	25.9993
Vwa1	26.0358	25.6442	26.3856	26.3009
Vwa5a	25.5985	25.8507	25.857	25.6769
Vwa5b2	26.9349	27.077	27.6457	27.1648
Vwa8	22.7801	22.9297	22.6679	nd
Vwf	27.3961	27.2474	26.9372	27.0855
Wars	24.72	24.7527	24.9736	24.929
Wbp2	22.2748	22.8125	22.9714	23.6584
Wdr1	29.2281	29.3161	29.2661	29.2218
Wdr47	23.2023	nd	nd	nd
Wdr61	23.8527	23.8415	23.0747	23.6038
Wfs1	27.4093	27.4614	27.8795	27.8583
Wisp2	26.4053	26.642	26.8485	26.9052
Xdh	24.0378	24.5199	24.0542	24.1874
Xirp1	25.2694	25.6013	25.6918	25.5695
Xpnpep1	23.5114	24.0317	23.3329	24.0647

Xpo1	25.716	25.8601	25.548	25.6673
Xxylt1	nd	22.0811	21.9667	21.8358
Yars	24.5448	24.3915	24.2784	24.8842
Ybx1	22.2544	20.7801	21.9525	nd
Yes1	nd	22.6578	22.6167	22.2778
Ykt6	nd	23.6273	22.8501	23.8245
Ywhab	27.6562	27.4553	27.8884	27.1402
Ywhae	28.4298	27.9743	28.4497	28.0594
Ywhag	28.2724	28.2264	28.044	27.7747
Ywhah	26.164	25.8174	25.7888	25.7771
Ywhaq	28.7041	28.8678	28.7429	28.6984
Ywhaz	30.2837	30.0788	30.2467	30.0041
Zak	24.8366	24.7146	23.9332	24.1745
Zc3h4	nd	nd	20.5562	21.795
Zfp36l1	nd	19.4717	19.2953	19.5687
Zfp58	22.8537	22.8988	23.4486	23.0542
Zmpste24	23.2572	23.3882	23.706	23.3683
Zw10	22.6902	22.0982	21.8976	nd
Zyx	29.5508	30.0181	29.8769	30.2238

represents Label-free Quantification values generated by MaxQuant, and nd represents no

Log2(LFQ Col8+/_1)	Log2(LFQ Col8+/_2)	Log2(LFQ Col8+/_3)	Log2(LFQ Col8+/_4)
30.1708	30.1603	30.0454	29.9287
24.8811	25.1894	25.308	25.2461
21.0703	22.4653	21.123	22.2925
24.537	24.9025	24.6921	24.3439
22.3686	22.8104	22.4894	21.8387
23.1321	23.6406	23.1209	21.9367
23.751	23.7646	23.449	23.4521
23.1487	23.3147	23.2932	23.1325
21.4128	21.7252	21.5389	21.8794
23.9949	24.1193	24.0926	23.9616
24.3836	24.4967	24.802	24.5638
25.9276	25.8913	25.7715	25.8002
24.5031	24.6546	24.9246	24.9879
23.9668	24.0126	23.5502	23.8508
23.3882	23.1702	23.4796	nd
nd	22.3546	nd	21.4025
25.4507	25.5605	25.5847	25.3421
25.7543	25.7842	25.8295	25.999
30.4435	28.9982	29.732	29.2719
25.1964	24.982	25.0282	25.9006
23.0286	nd	22.1216	21.5955
23.427	23.4248	24.0045	23.7554
29.5423	28.3667	28.8943	28.7199
29.3306	28.2904	28.8512	28.6159
27.9961	26.9768	27.3755	27.2771
25.5497	25.4193	25.6741	25.6911
29.1858	28.031	28.5222	28.2582
27.0393	27.1305	27.6087	26.1985
29.4413	28.9202	29.1792	29.1618
25.3835	25.3416	25.2513	25.7317
28.9889	28.8696	28.8516	28.7362
22.8756	23.3797	22.9497	22.6507
28.0923	28.1964	28.0664	28.1389
26.8921	26.8014	26.4426	26.7281
30.9005	29.7032	30.2692	29.9633
nd	nd	nd	23.0221
24.7496	24.0361	24.3496	23.6231
25.5413	24.8672	25.1907	25.4164

21.5865	23.3876	22.7952	23.3171
26.7502	26.4057	26.4866	26.6055
24.916	25.1452	25.0706	25.1169
23.6208	22.2646	22.1553	22.5472
nd	nd	nd	nd
28.8091	28.3353	28.4815	28.4665
21.2002	nd	nd	21.2796
32.2501	32.1095	32.1676	32.2407
26.9659	27.1649	27.3608	27.3555
35.4912	35.3949	35.3331	35.335
33.5271	33.4486	33.4696	33.5092
22.4723	22.7391	23.1365	23.0834
31.9553	31.8595	32.0572	32.0407
28.8638	28.9744	29.1506	29.2555
24.0075	23.3805	23.5356	23.731
24.7062	25.1888	24.747	24.6313
27.1744	27.281	27.2294	27.1268
28.4233	28.3845	28.0525	28.2228
29.5463	29.3569	29.4348	29.4731
23.8051	23.9822	23.6464	24.2879
20.5499	nd	20.9992	21.0286
23.0296	22.8471	nd	23.2393
25.2183	23.7532	24.7387	24.2173
25.1741	25.2891	25.4419	24.969
21.8462	21.6649	nd	21.1201
25.9078	26.1221	25.8426	26.0277
22.502	22.7685	23.4707	23.605
25.6316	25.8109	25.3529	25.8082
26.8124	27.036	26.754	26.9618
23.7626	nd	nd	24.8765
24.9502	24.9939	24.9425	25.1609
24.8699	26.3599	26.0887	25.9708
21.2913	21.6144	21.7301	21.5686
21.6829	21.9133	21.62	nd
nd	21.9804	nd	21.7577
25.6882	25.503	25.3575	25.4811
22.3022	nd	22.3426	21.9046
28.1672	28.158	28.1891	28.014
22.4669	22.4429	22.6883	21.824
21.0607	21.2507	20.5798	20.1407
22.0461	21.8315	22.3475	nd

nd	nd	nd	nd
23.5122	23.9202	23.3836	23.7208
23.2633	24.6173	23.1975	24.2789
22.5424	nd	22.0173	22.7118
25.3547	25.3053	25.5043	25.2585
26.3724	26.416	26.2024	27.069
23.5221	23.435	23.9812	24.246
24.2935	24.2002	24.2384	24.2087
29.1887	29.6811	29.7453	29.8179
24.8315	23.9174	24.7345	24.3434
nd	nd	nd	nd
24.9505	24.5402	25.0474	25.1965
23.8736	23.8607	23.8951	23.807
23.1258	nd	22.7313	23.4838
27.9117	27.4433	27.6017	27.5958
27.0854	27.1068	27.1978	26.9086
27.0258	26.8553	27.1235	27.1189
25.5479	25.8621	25.4981	25.7787
27.1912	27.0344	27.2809	27.2614
27.7317	27.9595	27.8064	28.0422
23.6278	23.6349	23.5329	24.3247
25.4392	25.4458	25.3212	24.8132
24.8094	24.5436	24.6764	24.9689
22.0255	21.5125	21.7737	22.3619
nd	23.4275	23.3462	23.2288
34.2796	34.3765	34.2411	34.4656
25.2246	25.2626	24.1493	24.9882
nd	nd	nd	20.7917
21.6801	nd	nd	21.8897
23.4288	24.1158	23.3605	24.0674
23.1898	22.9239	22.9255	21.8643
30.565	30.5989	30.6081	30.6585
25.8186	26.0068	25.7211	26.0453
24.1787	24.0904	24.4828	24.8883
22.3546	21.9099	nd	21.843
28.3001	27.8012	27.9771	28.0317
26.7894	26.6499	26.5978	26.9055
25.8431	25.9659	25.773	25.9321
30.1571	29.5425	29.5077	29.5545
nd	21.6039	21.6903	22.4968
21.3021	nd	20.8108	21.3148

24.1077	nd	23.8981	24.3188
nd	22.2799	22.0214	22.1493
26.663	27.1357	26.7756	26.6795
23.9136	23.8833	23.1943	23.4672
22.2918	21.2712	22.2927	20.8939
23.9573	24.2505	23.7124	24.0153
24.3095	24.6308	24.4866	24.9465
25.3909	24.9413	25.1572	25.7293
25.0451	24.6044	24.8477	24.6305
25.5645	24.6776	25.1593	25.5096
28.3545	28.3959	28.4909	29.1292
29.6979	29.6313	29.8354	29.7505
27.911	27.9342	27.8535	27.6647
31.9547	31.8533	31.9971	32.1223
28.623	28.7076	28.4852	28.5327
27.5423	27.5495	27.6776	27.6078
31.1281	31.1183	31.0428	31.1527
31.3622	31.2727	31.271	31.3084
27.6092	27.7643	27.6142	27.6232
31.7217	31.7445	31.6535	31.6597
23.4633	23.472	23.4125	23.3446
24.0726	24.7387	24.7981	24.7408
22.7498	22.7025	22.9954	23.3631
26.9988	27.0817	26.8635	26.8927
27.9826	28.1039	27.9739	27.9746
27.969	27.9815	28.0015	27.8691
26.6348	26.6987	26.7	26.6744
24.4296	24.6636	24.6956	24.6031
24.1406	23.5684	23.6645	24.0699
22.7423	22.8143	22.5942	22.5853
nd	nd	nd	nd
23.6426	23.6016	23.4173	23.9015
24.167	24.2506	24.4972	24.6668
23.4409	23.7931	22.9421	20.34
28.6907	28.6487	28.8166	28.9146
27.0997	26.9908	26.9033	27.2648
25.9585	25.6772	25.8261	24.4681
27.2278	27.418	27.4717	27.3019
24.3667	24.3537	24.621	nd
24.0217	24.3009	24.4743	24.282
25.1611	24.9298	25.4103	25.4487

26.9064	27.2366	27.3385	27.1266
22.621	22.5828	22.4955	22.8657
24.6234	24.0428	24.2867	24.3125
23.9588	24.8423	25.3061	24.3618
24.015	24.096	23.9582	24.1642
25.0939	25.4573	25.2543	24.9721
24.6011	25.7116	25.9954	25.7455
25.1895	25.0784	25.1295	25.6237
27.5869	27.6214	27.3487	27.5859
21.6361	21.7695	21.9142	21.6701
24.8738	26.3853	26.3669	26.0919
nd	22.8174	22.5807	23.2041
nd	21.8077	21.6756	22.5689
20.793	20.6007	20.9209	23.0282
26.5326	26.5625	26.4049	26.2069
23.5373	24.002	21.9295	23.0576
27.7499	27.7427	27.7505	27.639
28.3332	28.2736	28.4131	28.4413
23.7455	23.7515	23.8009	24.1955
23.6583	23.4785	nd	23.5933
23.3255	nd	22.935	23.0016
23.4629	23.8793	23.9502	24.3537
25.1466	25.2673	25.3973	25.1654
22.8359	22.9717	22.863	22.8974
25.7843	25.5565	25.721	25.6171
24.7375	25.1394	23.9689	24.6904
23.9767	23.8237	24.1249	23.34
28.4148	28.3871	28.198	28.3564
27.3684	27.5792	27.4277	27.2152
27.5456	27.5797	27.5324	27.7517
28.3026	28.3358	28.1397	28.3615
25.3744	25.5102	25.5578	25.6383
24.8581	24.7914	24.5927	24.4928
25.329	25.1876	25.1656	25.8605
23.6685	23.4777	23.5961	23.9332
24.0469	23.7233	23.891	23.9624
25.9397	25.9251	25.9485	25.8263
31.5389	31.557	31.582	31.489
22.4458	22.4024	nd	22.4225
21.8855	nd	22.182	21.7819
22.6302	22.2991	23.3757	22.5435

22.2189	22.5169	22.5731	22.2475
27.5201	27.6686	27.4343	27.6252
21.9967	22.4426	22.5475	22.8055
28.017	28.0087	27.8639	27.7742
25.6788	26.0119	26.0146	26.3491
27.3483	27.4546	27.4097	27.5029
25.3248	24.8641	25.1896	25.1452
25.0115	25.5683	25.0647	25.0667
25.6334	25.5892	25.6823	25.1964
27.817	27.6276	27.4221	27.6274
23.5086	23.4268	23.397	23.987
20.6871	22.0313	20.3497	22.2561
26.2478	26.4251	26.2465	26.1643
30.6393	30.6755	30.6347	30.6997
31.5767	31.5156	31.4715	31.6283
27.0503	27.0077	27.0571	26.9657
27.6405	28.0799	27.6655	28.0114
27.3282	27.1546	27.3253	27.3944
24.9648	24.5404	24.3307	24.6561
23.1335	nd	23.2481	23.7306
26.2211	26.1958	26.2528	26.5918
26.0903	26.1144	25.8125	26.3047
29.0764	29.0192	28.8148	29.0978
nd	21.4133	nd	21.6156
23.9042	nd	23.7257	23.6135
25.4159	25.4375	25.3096	25.2678
21.0142	20.2442	21.1536	21.6531
23.628	23.6837	23.024	23.9158
22.3058	22.676	21.9676	nd
23.2945	22.5641	22.797	23.0496
23.1368	22.9475	23.4649	23.7692
24.9943	24.8729	24.8633	24.42
22.41	nd	22.4377	22.1752
24.8257	24.9069	24.7834	25.1133
nd	21.9068	21.7735	22.0864
23.8923	23.8688	23.7882	23.9269
27.7968	27.838	27.8779	27.9019
22.7377	23.1243	22.7685	22.9426
28.276	28.2778	28.4302	28.2215
nd	21.104	nd	nd
nd	21.2662	21.1309	21.0255

26.083	26.1053	26.078	25.8136
23.9639	23.6584	23.8437	23.6222
24.715	23.5736	23.9929	23.9809
21.754	22.9392	22.4545	22.379
31.8511	31.9223	31.9527	31.8062
24.6325	24.9916	25.1234	25.1942
24.651	25.0328	24.1241	24.0074
25.1092	25.6451	25.5856	25.5275
20.3269	20.7525	20.163	20.8914
25.6067	25.4214	25.4622	25.6707
24.3994	24.8517	24.5109	24.62
22.0699	22.0435	21.9928	nd
22.01	22.1765	22.522	22.3223
nd	nd	21.5288	nd
19.6496	20.0855	21.102	20.5535
24.205	25.4784	24.7826	24.4796
24.9146	24.3672	24.6558	24.9502
27.8623	27.8274	27.6742	27.7872
27.8511	27.6388	27.605	27.506
25.3713	25.1862	25.7772	25.4912
22.8014	23.0953	23.0662	22.4663
21.4528	21.6306	21.8852	21.6812
23.335	21.6451	22.9459	23.7088
27.7485	27.8049	27.3961	27.7228
29.8693	29.7453	29.1967	29.8244
25.4059	25.4492	25.354	25.3505
26.7514	26.8292	27.1577	26.8708
nd	22.6701	22.2644	22.7483
22.6627	22.9475	22.4627	22.5714
27.0607	26.9363	26.9534	27.1658
27.4105	27.3945	27.4849	27.8513
24.7231	24.7891	24.6949	23.8201
23.4179	23.3312	22.9901	23.3328
27.531	27.3687	27.6655	27.4021
26.2673	25.9066	26.0785	25.7418
22.2065	22.8317	22.1418	21.8643
28.2405	28.3396	28.2212	28.3565
28.0571	27.868	28.134	28.4719
30.5449	30.7832	30.5417	30.2679
27.0132	27.0328	26.6313	26.6994
25.3149	25.4858	25.2971	25.7165

24.642	24.3042	24.7272	24.2299
28.6519	28.865	28.4424	28.3836
28.6402	28.6829	28.4917	28.3127
21.7626	22.5857	21.9312	22.0242
24.9977	25.0153	24.9708	25.0455
27.6373	27.6245	27.6713	27.868
27.2126	27.2324	27.3806	27.3926
nd	23.3724	23.9453	24.6656
25.5118	25.7486	25.3632	25.4807
22.219	22.3435	22.3076	21.9836
nd	21.1562	22.0012	21.4822
21.435	21.0284	nd	20.0447
nd	nd	nd	21.511
29.2666	27.8587	27.6724	27.2357
24.4586	24.2676	24.2735	24.0488
25.2958	24.6748	25.1904	25.2213
29.2067	29.2517	29.2001	29.101
25.8742	25.4188	25.5867	25.874
26.2879	26.4253	26.276	26.3832
29.6464	29.6309	29.6586	29.6459
24.2089	23.899	23.8832	24.3553
22.4096	nd	22.0382	nd
21.9831	22.2383	21.7434	22.4451
22.954	21.8617	nd	22.6102
21.9276	21.9843	21.6299	21.7598
24.3279	23.8241	24.0258	24.7896
23.7519	24.2971	24.6312	23.9606
25.4341	23.5595	25.1988	25.4877
21.9373	nd	nd	nd
28.1143	27.9316	27.995	28.1458
27.4045	27.2283	27.2134	27.5153
26.9018	26.8656	26.7604	26.944
27.7448	27.6398	27.6338	27.8577
27.0083	27.0635	27.1303	27.0379
27.2483	27.0172	27.1146	27.0772
26.7283	26.7799	26.5707	27.0718
26.0606	26.657	26.4658	25.5854
24.1471	24.73	24.699	24.4252
22.849	21.8631	22.5426	22.6973
25.5724	25.4881	25.6101	25.5133
23.4057	23.9492	23.5356	23.2593

24.7957	24.6981	24.9449	25.0731
27.1623	26.6706	26.9358	27.4493
21.8824	nd	nd	22.1177
24.3924	24.6498	24.41	24.2912
27.902	27.9742	27.9721	27.881
26.901	26.7209	26.8002	25.6503
24.7355	24.7594	24.7134	24.4793
19.6522	20.6784	19.8951	21.1066
24.6092	24.5231	24.5078	24.829
27.2336	27.4263	27.4123	27.3642
23.9423	24.2093	24.294	23.9412
28.2818	28.4571	28.3506	28.3189
20.9836	21.6462	21.6786	20.9945
21.0767	22.5225	nd	21.8215
nd	21.6539	21.9721	21.6842
nd	nd	nd	22.2006
24.477	24.2399	24.1429	23.7737
23.0945	23.515	23.7285	23.1171
24.5657	24.4639	24.586	25.241
27.7636	27.8631	27.7453	27.5646
29.3359	28.8863	29.0227	29.4275
24.3823	25.4156	24.476	24.2647
22.6557	21.8464	23.2031	23.6128
27.9377	27.6477	28.0261	27.6375
22.7217	23.1538	22.6567	23.468
29.4399	29.3904	29.3788	29.4021
25.5235	25.403	25.4212	25.0324
nd	23.5787	24.058	24.1962
23.4065	24.0604	23.5902	23.4098
24.6063	24.3888	24.3557	24.3778
nd	nd	nd	22.6614
23.7528	22.949	nd	22.6768
21.6015	21.3214	21.4394	21.6028
22.1559	nd	22.2725	23.4387
25.3953	24.8116	24.8621	25.3023
26.8231	26.9983	26.6596	26.7959
30.7218	30.6466	30.6376	30.5223
29.8907	26.072	26.2588	27.2384
23.9453	24.6103	23.5612	23.4385
22.8062	22.5064	22.5868	nd
nd	nd	22.2931	23.1608

24.8361	24.7811	24.8808	24.8461
26.689	26.9392	26.7035	26.8441
28.0694	27.9983	27.9163	27.7358
20.7172	21.4976	nd	21.3706
22.1196	22.3829	nd	21.8652
23.2145	23.2731	nd	22.5417
30.6576	30.7407	30.6098	30.8312
26.979	26.932	26.9776	26.6081
25.7954	25.0453	25.3834	25.2814
27.6089	27.6469	27.5774	28.4256
25.1273	25.1857	25.0606	24.7968
24.0834	24.0311	24.1658	24.0076
25.6732	25.73	26.0652	26.1588
31.9071	31.704	31.8713	31.5802
28.4228	28.2655	28.1669	28.1745
28.2401	28.0181	28.201	28.1558
22.3429	23.9774	21.2935	23.6624
22.0034	21.9962	22.0115	22.2683
nd	22.5459	22.0089	22.3277
22.4611	22.758	22.9713	nd
22.9628	21.7477	22.3047	22.6139
nd	23.4937	nd	21.1564
29.8475	29.7375	29.4427	29.4035
29.6416	29.7861	29.6423	29.6699
30.7853	30.8345	30.9073	30.6915
33.6667	33.5112	33.6828	33.6793
32.8741	32.8649	33.0224	33.1391
30.6723	30.6113	30.9679	31.1728
26.8781	27.3894	27.5379	27.0989
30.733	30.8645	30.9651	30.868
30.4682	30.5151	30.6419	30.4543
24.8255	24.6897	24.6706	24.8467
23.4378	nd	23.6656	23.1317
27.8888	27.7776	28.1918	28.3388
27.7367	27.6375	27.7746	27.8284
32.4701	32.4453	32.4051	32.2686
32.1016	31.9529	32.0825	32.1414
25.8225	25.795	25.9282	26.0383
29.9841	29.8639	29.7493	29.7671
23.3512	22.7285	22.907	23.5775
22.9448	23.0181	22.5793	23.0352

nd	21.8133	nd	20.4918
23.4823	23.602	23.7572	24.0778
24.6675	24.3304	24.6327	24.7721
nd	22.1067	22.2109	21.9984
26.7807	26.9157	26.3965	26.8831
26.4741	26.2493	26.0736	26.2063
24.2995	23.9621	24.2634	24.0501
25.0762	24.9732	24.8699	25.0504
26.6137	26.475	26.5616	26.4985
nd	22.5877	22.4087	22.3671
25.851	25.9747	25.9134	26.3088
25.1538	25.2445	25.0654	25.2076
23.6658	24.2951	24.3124	24.4285
23.9695	24.3454	23.8635	23.9515
nd	nd	nd	nd
23.8188	23.9912	23.793	23.4292
22.6282	22.7059	23.2831	23.3569
21.9278	21.8431	21.8109	nd
24.2315	23.0628	23.5518	24.134
24.8361	24.101	24.2005	24.1483
22.2333	22.6911	22.4042	22.7877
25.5475	25.5628	25.7856	25.3455
28.0428	28.0531	27.9381	27.8064
20.9127	21.9485	21.7727	22.5428
27.5205	26.5235	26.7768	26.8044
29.3311	28.2125	28.5715	28.3903
26.4486	25.3238	25.7417	26.1078
28.8431	27.96	28.4081	28.1201
27.9718	26.6843	27.1618	27.5881
26.4673	25.4087	25.7981	25.879
26.8306	24.8178	25.7509	25.1744
25.2302	24.7007	24.9843	25.175
24.7724	23.9905	24.1679	23.9724
25.8205	25.8752	25.9273	25.9672
27.7972	27.7773	27.8434	28.6428
23.6012	24.0394	23.7584	23.8534
26.5473	26.6525	26.5139	26.4493
22.3317	23.055	22.5096	22.5253
26.2036	26.8598	26.6196	26.3313
nd	nd	nd	21.2274
22.2394	22.1215	nd	22.1556

24.2446	24.459	24.2184	24.6726
25.1391	25.1804	25.7344	25.6109
23.5752	24.1223	24.1842	24.3438
23.9384	24.851	24.3246	24.2237
25.5026	24.2884	24.359	23.9494
26.8055	25.8658	26.541	25.7665
23.8873	21.3897	nd	nd
25.3493	24.803	24.9612	24.7354
nd	nd	21.2339	nd
29.8854	29.4585	29.872	29.9791
29.5577	29.5673	29.7748	29.7861
25.1468	25.1692	25.159	24.5908
23.2072	23.2874	22.8013	23.1955
25.6616	25.4654	25.3462	25.3244
24.782	25.269	25.2218	24.3286
23.3149	22.7595	23.5042	24.0619
30.397	29.548	29.9373	29.6358
25.6397	25.733	25.5897	25.6045
27.5763	27.6907	27.3978	27.698
23.5844	nd	23.3013	23.8557
21.9829	22.8692	22.2753	22.7294
25.0214	24.8805	24.8624	25.1017
23.7265	23.2636	23.7963	23.3535
28.6648	28.7001	28.6585	28.5904
29.6559	29.5207	29.6536	29.9683
29.2246	29.0974	29.4531	29.1849
23.6759	22.3125	nd	23.9383
25.5217	25.501	25.5311	25.832
22.4981	22.9458	23.5207	22.9931
24.9878	25.3334	25.3021	25.1293
22.2051	nd	22.2929	23.0238
26.1598	26.3155	26.2931	26.517
22.8281	22.8138	22.3904	22.7116
23.1529	nd	22.6609	21.5213
24.1578	23.8777	23.5204	23.2141
25.5339	26.35	26.1621	26.5654
21.0842	21.2171	21.5387	21.5194
24.6754	24.6846	24.737	25.1373
25.6251	25.6434	25.6701	25.9886
28.0216	27.6662	27.7661	27.7883
24.4629	24.2786	24.215	24.633

24.4539	24.0939	24.4234	24.8381
21.816	23.0869	nd	nd
22.346	23.4133	22.3472	21.6152
22.6702	23.1018	23.0718	22.5934
22.2377	22.5213	22.2226	22.3071
22.7352	22.159	23.196	23.8155
25.9581	26.0097	25.8561	25.6693
21.0866	21.6723	21.2032	21.8663
23.3516	22.0407	23.1589	nd
25.5099	25.3919	25.2221	25.3278
23.172	23.0894	23.459	23.7001
23.8247	22.8731	23.5868	24.4133
29.9392	29.8752	29.922	30.0901
23.1966	23.3633	23.2959	23.6872
27.723	26.9226	26.9804	26.8059
27.3753	26.5455	26.8498	26.8819
26.1082	26.2127	26.072	26.1019
24.2879	25.2644	25.2543	25.3526
23.3834	23.8447	23.4746	24.1016
nd	nd	19.546	22.4433
21.2566	21.2256	20.983	21.1805
27.8463	27.391	27.6241	27.7846
21.7959	23.5822	22.8312	nd
22.6759	22.5186	22.6629	22.7586
26.2165	25.9983	26.501	26.2135
24.1157	24.1976	23.7311	24.2266
26.2856	26.4266	26.5182	26.4413
22.2097	nd	nd	nd
26.7935	26.8083	27.0977	27.5939
24.8954	24.9087	24.8795	25.2054
26.6188	25.9755	26.2259	26.1367
32.5679	32.5943	32.6758	32.5445
24.1791	24.3683	23.8631	24.2884
25.6149	25.7212	26.1004	25.9032
26.337	26.498	26.445	26.7193
nd	nd	22.2082	22.0098
nd	21.2001	nd	20.6515
nd	20.4909	20.5227	20.4048
26.6561	26.5102	26.3132	26.5931
25.1442	25.1163	25.1607	25.4322
20.1657	20.8914	20.5173	nd

26.8939	26.9525	26.8214	27.1179
24.0072	23.7466	23.969	23.8167
27.1511	26.9927	27.1376	27.2695
26.5611	26.9083	26.7016	26.9198
24.6624	24.7003	24.2694	25.1561
22.4795	nd	22.2646	22.799
22.1408	22.2462	21.8502	21.6648
27.3404	27.2867	27.1884	27.4782
27.1345	27.2402	27.3139	27.2587
24.2314	24.0907	24.2351	23.8149
25.1462	24.7136	24.7846	nd
21.9953	22.8633	22.4326	21.9068
27.0436	26.9439	26.9165	27.2728
nd	nd	28.2998	26.2792
22.6771	22.6439	22.7743	22.8036
28.7049	27.949	28.2814	28.2082
24.9517	24.6907	24.9225	24.8055
23.1342	23.1324	21.64	22.9701
26.4705	26.2005	26.2031	26.3616
24.8082	24.6057	24.3776	24.657
24.1953	24.5327	24.1983	24.2338
22.4038	nd	21.387	22.5184
23.9468	23.9022	23.7377	23.8325
20.4103	nd	nd	20.676
26.931	26.7287	26.6315	27.1504
22.5519	22.8835	21.8574	22.0051
22.5991	22.2806	22.0616	22.4591
29.0315	28.2748	28.3979	28.4848
28.6259	27.8843	28.1105	27.754
28.177	27.1562	27.4386	27.4211
29.892	29.8725	29.7825	29.5982
23.2406	23.5739	22.7248	22.87
23.158	23.7281	24.134	24.769
23.9817	24.1502	24.2076	24.2009
23.667	23.5308	23.3794	23.752
25.7582	25.8041	25.5785	25.8907
22.5885	23.0281	22.7406	23.5014
23.1878	23.36	22.9352	23.0717
20.3385	20.3847	20.8854	20.2566
23.049	23.243	23.0976	23.2847
nd	22.3089	nd	nd

26.907	26.9904	26.901	26.6539
26.4473	26.4996	26.4284	26.3815
26.3128	26.2535	26.3741	26.4374
23.214	23.9419	23.447	23.4238
28.6985	28.5432	28.3605	28.4529
24.1105	24.3135	23.6336	24.2559
22.2035	21.5211	21.8225	21.9415
29.0981	29.0751	29.0862	29.2849
26.6761	26.74	26.3989	26.895
29.3734	29.5871	29.4956	29.5895
29.8155	29.8162	29.7559	29.687
21.7801	nd	nd	21.4855
24.1922	24.3655	23.5317	23.915
nd	22.0436	22.2284	22.0311
31.3905	31.1639	30.9543	30.9141
21.3971	nd	22.198	21.0522
26.8528	26.4878	26.446	25.9825
28.3013	28.3478	28.0371	28.6371
25.8227	25.8419	25.6986	25.837
29.7022	29.8623	29.6777	29.8156
24.0846	24.2239	23.4502	22.9892
25.2965	25.3514	25.1794	25.0509
27.6501	27.5855	27.6136	27.6689
24.7852	25.0014	22.4478	25.0336
22.2201	21.6248	21.7854	21.6035
nd	23.4399	23.2822	22.6602
25.2113	25.0073	25.3012	25.4363
26.1847	25.2895	25.6404	25.5569
nd	nd	20.412	20.3627
28.1961	27.5989	27.7567	28.0686
28.0547	27.5557	27.8488	27.805
24.2139	23.9017	24.1038	24.3871
24.9574	25.4097	25.4752	25.1226
24.3677	24.2639	24.3916	24.4684
21.445	21.5975	21.6039	21.5986
31.2047	31.1436	31.1167	31.422
26.5475	26.3517	26.5547	26.6741
25.7864	25.8643	26.0067	26.3202
21.6084	22.0646	21.5673	21.3354
27.5979	27.5486	27.3979	27.9529
29.8201	29.914	29.7483	29.8107

28.0113	28.3239	28.2272	27.9672
27.1518	27.1965	27.2796	26.9426
23.9362	23.5981	24.1701	24.1881
22.9074	22.8143	22.6677	22.479
22.8557	22.977	22.6858	23.3527
24.1755	24.5218	24.403	24.786
24.1129	24.6652	23.7407	24.0889
23.0145	23.3977	22.8765	22.844
27.4817	27.5097	27.6514	27.8269
31.9404	31.908	31.8891	31.8964
nd	22.2032	22.0751	22.0356
28.3581	28.3051	28.4113	28.497
24.6688	24.2278	24.3711	23.9886
24.5038	24.7281	24.2884	24.4571
26.4991	26.3786	26.3039	26.5497
23.9336	23.98	24.1039	24.6169
25.0314	24.7148	24.6312	25.1935
24.369	24.0843	23.7136	24.4714
24.6746	23.8683	23.4608	24.1864
26.274	26.3572	26.3895	26.3808
23.1398	nd	22.8672	22.4806
22.5963	22.7725	nd	24.3623
23.394	23.5799	23.0342	23.693
23.5314	23.5252	23.698	23.9099
24.458	24.6071	24.082	23.452
24.1057	24.4912	24.3306	24.7042
27.722	27.5362	27.5685	27.8524
23.9592	24.3582	24.5382	24.3758
25.7209	25.4559	25.0414	25.4314
24.4271	25.4585	25.3981	25.8168
22.744	23.2724	22.8248	23.2876
24.1873	24.7267	24.489	24.3314
24.1238	23.0775	23.9415	23.9741
25.6223	25.6659	25.6862	25.5516
24.5741	24.5159	24.1834	24.564
27.2518	27.3915	27.1347	27.4294
24.3511	23.747	24.1445	24.403
23.9138	24.7078	23.4668	25.6471
30.5715	30.8765	30.9493	30.7591
25.0044	24.9904	24.7669	24.9562
23.7133	23.2784	23.575	23.7332

21.36	22.7678	22.6049	22.6994
25.5115	26.485	25.9759	25.8842
29.3575	29.4284	29.3296	29.3089
26.4929	26.4665	26.4606	26.2863
26.6694	26.6283	26.5183	26.678
27.562	27.1777	27.1822	26.9317
26.8598	26.827	27.0857	26.5861
29.8451	29.7546	29.8155	29.7579
nd	nd	21.4118	21.4804
27.0832	23.671	24.0013	24.2086
23.2014	nd	23.4501	nd
23.9982	23.2947	23.5627	23.6564
24.8111	25.3108	24.8242	24.946
21.1682	21.7093	21.1569	21.1716
27.0909	26.9614	27.2366	27.2919
29.1896	29.3129	29.2874	29.2121
23.4697	23.4454	nd	23.0484
25.2447	25.0736	25.2577	25.7717
28.7892	28.7667	28.5844	28.844
25.3613	24.9809	24.883	25.2857
22.0545	21.9632	22.0836	22.8368
22.5529	22.4506	22.2581	22.5377
22.3843	22.9645	22.1297	nd
22.906	nd	nd	22.5584
26.3281	26.4981	26.5109	26.4123
22.9836	22.4545	22.1398	22.2488
21.677	nd	nd	nd
22.9086	22.6205	22.6241	22.8413
nd	21.1314	nd	21.1219
25.1616	25.542	24.7658	25.2478
24.7311	24.6102	24.6253	24.8009
23.6412	23.8012	23.7505	23.5986
24.6863	24.9361	24.7075	24.5045
25.374	25.4768	25.3778	25.7935
28.0595	28.007	27.9762	28.0151
28.8004	28.9217	28.7184	28.6762
26.5062	26.4026	26.498	26.409
nd	23.7555	23.4751	23.861
30.2704	29.4137	29.9344	29.6879
28.7015	27.7493	28.1275	28.1511
26.7839	26.0339	26.4102	26.315

25.4594	25.4967	24.4717	25.8168
nd	nd	21.1414	20.9141
23.2223	23.5759	23.1814	23.6649
27.0686	27.0708	26.9353	27.1204
25.6181	25.5727	25.765	25.7337
25.5343	24.3669	25.0238	25.0551
28.3266	28.1876	28.2026	28.4285
22.7078	22.8526	22.9908	22.7032
26.0453	26.295	26.1531	26.1266
23.9955	23.2839	23.8822	23.5091
nd	23.1893	nd	23.3487
27.5089	27.6649	27.4597	27.3467
24.6224	24.8052	24.5588	24.1045
24.0743	24.1906	24.1009	23.9552
20.7682	20.8753	20.9546	21.1817
22.5964	22.906	22.8833	23.1485
22.2251	nd	22.2186	20.9954
25.936	26.1777	26.0386	25.6452
nd	22.0624	21.4195	21.2022
23.1881	nd	22.7499	22.7979
25.0972	25.0401	24.904	25.0158
24.2528	24.835	24.4074	24.4601
30.1939	30.2712	29.9354	30.4903
25.6568	25.939	25.6616	25.7479
25.1638	24.9371	24.4982	25.6876
30.1552	30.124	30.1125	29.94
22.9981	23.7514	23.4919	23.773
23.2392	23.3178	23.1582	23.6012
26.1414	26.4947	26.5315	26.3386
32.5635	32.5703	32.4866	32.5146
33.2602	33.0903	33.2225	33.2699
24.8192	24.5832	24.6046	24.3808
22.3006	22.3854	21.9449	22.8329
22.3932	nd	21.9062	21.4222
nd	21.5236	21.2776	22.1486
23.3073	22.7508	23.8434	nd
22.2682	22.116	21.6797	22.2184
22.1753	22.1667	22.0854	22.1737
nd	nd	nd	nd
29.4049	29.3618	29.3967	29.3693
23.4543	23.2608	23.4516	23.6434

21.9854	21.8317	22.6047	21.7876
28.6991	29.5412	29.5027	28.6789
29.4435	30.2897	30.2514	29.6259
22.5282	23.6415	22.7427	21.2566
29.8444	30.7778	30.5908	29.8182
22.3965	22.3177	nd	22.2366
28.9627	28.0273	28.4379	28.2533
29.9639	29.7732	29.9011	29.7449
24.2816	23.7	24.3203	24.1289
25.6444	25.5631	25.8965	25.9311
26.466	26.5598	26.5921	26.4966
23.8038	23.6228	23.9508	23.8615
26.106	26.1313	25.8893	26.084
24.1135	23.8712	24.2628	24.7796
23.5246	nd	22.4617	23.2145
24.3151	24.2481	24.2478	25.1449
23.4765	24.2012	23.9437	23.1063
26.7779	27.1097	26.8577	26.9014
34.8201	34.7976	34.8884	34.8034
27.525	27.4903	27.6474	27.7679
28.6866	28.6101	28.6787	28.5026
25.0899	24.9362	24.9843	24.8048
25.4377	25.2337	25.588	25.3806
nd	22.4686	nd	22.6393
27.0241	27.1254	26.9381	27.1279
30.5126	30.4848	30.2627	30.3743
24.17	24.6623	23.9846	24.1265
26.9389	26.8336	26.5096	26.5098
20.909	21.2798	20.8544	21.2118
31.5676	31.6785	31.8905	31.4719
23.2188	23.5013	23.0098	23.1812
23.4783	nd	23.2731	23.2261
25.0036	26.2697	26.1071	nd
23.4554	23.2167	23.5124	22.9929
27.2076	26.9143	27.03	27.2237
27.9966	27.8273	27.83	28.2917
nd	22.9344	23.2406	23.4558
23.8114	23.7042	23.7283	23.6272
24.7919	24.2422	24.385	25.2234
23.1373	23.5364	23.539	23.7923
25.4938	25.5113	25.3219	25.4078

nd	nd	nd	23.2054
26.3837	26.5808	26.2809	26.4472
21.6621	22.2439	22.1567	22.9831
nd	21.2121	20.7553	21.0603
20.3206	21.1904	20.7868	21.3696
24.8966	25.3225	25.4274	25.5278
22.6574	23.228	22.5023	22.7263
23.5167	23.3749	23.0724	23.5736
27.9472	27.92	27.6718	27.882
32.3167	32.0361	32.0554	32.2224
nd	nd	nd	23.1386
24.1429	24.4938	23.7721	24.2669
24.7283	24.2405	24.1342	24.1741
23.7879	23.6575	23.2696	23.2519
24.1735	25.0542	24.623	24.2008
28.1881	28.3403	28.4733	28.4961
21.5524	21.7706	22.1418	22.2416
nd	22.7938	22.785	22.9751
24.3057	24.2897	24.495	24.4564
23.695	23.9013	23.6043	23.7703
27.103	27.3808	27.1758	27.2359
29.2132	29.1875	29.0764	29.336
nd	20.932	21.171	21.0028
22.6722	22.8063	nd	22.8976
nd	22.1801	22.082	nd
23.348	23.3109	23.4987	23.5566
nd	nd	23.6243	nd
25.3972	25.461	25.3454	25.7166
27.6982	27.6818	27.6165	27.8195
25.7635	25.4568	25.3654	25.6704
25.5392	25.6973	25.4697	25.4634
25.249	25.1168	25.2526	24.8389
25.0378	25.0236	25.0703	25.0357
23.6426	23.9855	23.6281	23.5292
28.6645	28.6724	28.5525	28.8258
25.7081	25.485	25.127	25.391
23.5077	24.2224	23.9364	23.7744
23.2512	nd	23.3619	23.8805
23.187	23.2811	22.9644	23.0451
24.32	24.9444	24.472	24.3194
23.3547	nd	22.8397	nd

25.9304	26.1269	26.0437	25.789
23.0733	23.0165	23.2288	23.2686
23.2487	23.3836	23.244	23.7381
28.0413	28.0895	28.0792	28.0954
22.9365	22.7015	22.8514	22.9431
25.2572	25.1515	25.4262	25.8107
25.9799	25.9744	26.0507	25.9613
25.9437	26.2579	26.1019	26.0187
26.4001	26.2086	26.4527	26.2157
27.5353	27.665	27.4782	27.8486
27.0787	26.9013	26.908	27.2876
nd	nd	nd	23.4599
25.1514	24.7775	24.9271	25.0592
24.6291	24.3828	24.4204	24.9468
nd	21.4036	22.3169	22.7288
21.8984	21.7193	21.2001	21.668
nd	20.9243	22.7143	22.598
23.4443	23.1424	23.6714	23.3945
nd	21.3727	21.7807	nd
24.7218	24.6867	24.4789	24.7797
28.9919	28.9842	28.8062	28.8925
21.0559	22.5186	21.6627	20.8508
22.6417	nd	22.2023	22.9432
26.178	26.225	26.1417	26.0161
28.1252	27.2664	27.5328	27.2712
26.5909	26.7887	26.6737	26.4912
28.8976	27.9287	28.1463	28.1098
30.0878	30.0931	30.0804	29.962
23.0224	22.9608	nd	23.3924
22.0883	21.7898	nd	23.0055
28.6865	28.6571	28.4822	28.3907
29.3554	29.0731	29.0547	29.2882
24.1263	24.075	23.8453	23.5329
23.1375	22.9212	23.2929	23.6413
23.3594	24.1743	24.1071	24.4374
27.2204	27.0454	27.1942	27.1099
24.8855	24.901	25.2424	25.3896
nd	22.2161	22.6209	nd
21.4371	22.303	22.2625	nd
22.8405	22.9851	22.7425	22.958
30.2455	30.0103	30.3617	30.3562

24.0371	23.6903	24.1528	23.7528
25.2377	24.625	24.8045	25.2638
23.498	23.3514	23.845	23.4247
22.1291	23.1857	22.8546	22.9944
25.7829	25.6614	25.5264	25.8684
32.1637	32.1449	32.1623	32.1077
29.4424	29.3868	29.4095	29.0826
24.8125	24.5014	24.4672	24.2275
23.5107	23.7888	23.448	23.021
23.6394	23.7233	23.7684	23.5417
30.4901	30.3525	30.6295	30.8455
27.8572	27.7864	27.5826	27.649
23.1463	23.4983	23.5201	24.3677
26.2308	26.191	26.2056	26.0966
24.9423	25.2338	24.9707	25.375
nd	nd	23.4454	23.6287
27.64	27.6432	27.5513	27.3408
26.1556	26.1776	25.7815	25.6498
23.9659	24.2542	23.8519	23.9494
23.722	22.6411	nd	23.5489
22.8414	22.2957	22.0476	22.2842
28.6319	28.6526	28.8393	29.0596
21.7582	nd	20.7805	21.9202
25.5023	25.1331	25.61	25.8544
23.0867	23.0014	22.8339	23.2236
24.2272	23.8416	24.0231	23.7656
27.5805	27.5011	27.5085	27.5938
28.4978	28.5534	28.6071	28.8926
24.3968	24.1282	24.2898	23.9699
32.0985	32.3892	32.1371	32.0326
23.7221	23.9134	23.6201	24.3285
30.0116	29.1986	29.4822	29.3288
31.0879	30.2197	30.596	30.4192
30.1156	29.1199	29.5579	29.3002
23.1747	22.8264	22.9339	23.0811
22.2677	22.4411	22.9822	22.782
23.7524	24.0462	23.3187	23.3056
nd	24.0706	nd	24.6452
20.6147	21.1274	21.2782	21.1026
34.5688	34.4935	34.2697	34.4358
34.7548	34.6037	34.3721	34.6901

25.6312	25.3208	25.3853	26.4562
22.3811	nd	21.615	21.7282
24.1376	23.8233	23.5467	24.2052
23.7911	23.3448	22.6093	23.2491
nd	25.1135	24.6452	24.1351
25.4418	25.566	25.4803	24.517
24.6431	24.1776	nd	24.2625
25.2903	24.9859	25.1652	25.2531
20.8096	21.2177	20.6585	20.9554
23.1409	23.0616	23.0814	23.1788
nd	nd	nd	21.955
22.1369	21.594	21.7013	21.6113
27.0991	26.8053	26.8439	26.7439
25.665	24.9666	25.3895	25.481
21.4334	21.4217	21.6747	21.15
27.8149	27.7288	27.9479	27.913
25.0889	24.8013	24.7284	24.7526
24.8766	25.7047	24.8219	24.2855
26.978	25.1671	25.6448	26.4513
26.4573	25.762	26.1235	26.6608
29.6735	29.401	29.6772	30.1076
23.7613	nd	24.3276	24.7483
28.8472	28.6092	28.9671	29.4442
24.5958	27.6422	24.694	23.5364
32.8171	32.4554	32.6888	33.293
29.8363	29.6336	29.8793	30.5156
32.0652	32.0209	32.1012	32.8149
32.9747	32.6765	32.5932	33.0644
23.6832	23.5478	23.9292	24.224
33.0384	33.4828	33.375	32.9039
27.9874	28.0026	27.8483	28.0057
25.9527	24.7878	25.0861	25.4823
23.0246	22.9373	22.6114	22.7944
29.5692	29.3869	29.6119	30.0049
25.3941	24.6594	nd	25.2554
23.713	23.1699	23.6995	23.4107
22.7578	23.1616	22.7623	23.1135
22.5438	22.616	22.4526	22.7758
nd	nd	22.6874	23.7693
23.437	nd	23.2654	23.6402
22.053	21.9206	nd	22.1903

25.1777	24.7983	25.1104	25.2617
28.0303	27.7877	27.8302	28.3404
28.1995	27.8999	28.0631	28.5681
26.5086	26.4574	26.5403	26.8028
24.7004	24.8292	24.9052	25.064
27.0642	27.0877	27.1499	27.5513
22.7147	22.7835	22.8083	23.2938
25.7766	25.2445	25.6427	25.3051
26.6418	26.3898	26.6584	27.0649
23.919	24.0245	23.6664	24.3755
28.8537	28.7832	28.7515	29.1249
27.644	27.3753	27.3777	27.6349
23.0853	23.3973	22.7	22.7569
27.2094	27.2449	27.1786	27.4051
28.6929	28.819	28.8288	29.0277
24.8139	nd	24.8379	nd
25.0676	25.0383	24.7605	25.0415
nd	nd	22.0973	22.6394
21.3812	21.2032	21.2771	21.5083
23.5176	22.156	22.95	nd
27.9573	27.7924	27.7965	28.0562
24.4591	23.2904	23.4091	23.416
24.3097	24.4675	24.1142	23.7283
28.2854	28.2074	28.0461	28.1114
25.2542	24.2921	25.2258	24.8618
nd	nd	24.2735	nd
22.1866	nd	22.1639	22.7507
28.2423	27.9999	27.8693	28.0308
25.8938	25.9518	25.8143	25.5129
26.0197	25.8193	25.7862	26.1224
nd	22.0453	22.0254	22.4871
23.2691	nd	22.5673	21.1023
28.1606	28.1645	28.1931	28.4226
29.9615	30.0093	29.8831	30.2235
29.4437	29.2941	29.4872	29.8245
23.6022	24.5115	23.9675	24.3036
25.8183	25.5975	25.7315	26.1563
29.1637	29.2685	29.1926	29.1524
24.75	24.8471	24.9477	24.9221
27.3488	27.219	27.2497	27.7561
27.6206	27.7807	27.676	27.849

23.8595	23.6929	23.5902	24.3946
29.5679	29.4129	29.5575	29.984
31.0012	30.9815	30.9521	31.1557
28.0354	27.4455	27.6628	27.8972
29.9553	29.9817	30.1092	29.7934
26.9183	26.9608	26.8768	26.6854
25.0726	24.9596	25.3336	25.0388
24.4864	24.4258	24.4065	24.1956
29.9167	29.5369	29.799	29.8245
27.9889	27.7964	27.8919	28.0178
33.5677	33.5532	33.5794	33.428
25.0063	25.0841	24.9233	24.6858
26.9789	27.4339	27.4298	26.9155
23.9536	24.3806	24.032	23.8353
26.4649	26.4646	26.5464	26.698
22.877	22.5922	22.2827	22.3338
21.9642	nd	22.2137	22.5771
26.4694	26.4716	26.1966	26.3994
24.0223	23.8963	23.8293	24.0874
nd	nd	22.998	22.6526
nd	nd	22.1626	22.8176
23.4414	nd	22.465	22.6433
27.5182	27.6202	27.3116	27.4761
29.774	29.3885	29.4776	29.2522
29.822	28.7562	29.251	29.1291
27.6172	26.4413	26.9932	26.6349
21.6811	20.8884	22.5762	22.0484
22.1099	22.2669	21.8008	22.1694
21.5976	21.4066	20.7126	21.2329
24.1919	24.24	24.058	23.6918
27.8941	27.9454	28.1123	27.523
25.5228	25.7755	25.9277	25.9684
nd	nd	22.7105	22.6222
27.556	27.4874	27.8737	28.1841
25.7241	26.5956	26.2257	26.2604
22.646	22.6767	22.8215	22.6991
21.9177	21.6317	21.6839	21.7656
20.7804	21.8532	21.7331	21.9469
24.3889	24.283	24.2246	24.4489
22.7483	22.7547	23.4909	23.3664
29.4498	29.382	29.3011	29.3806

21.6	22.6848	nd	22.4004
28.1791	27.531	27.746	27.8617
25.375	25.2588	25.3191	25.3753
23.7155	23.6934	23.6687	23.6582
26.0058	26.715	26.7396	27.0552
24.2967	24.6998	24.673	24.6219
22.8303	23.5585	23.5158	23.3865
nd	20.5307	20.6931	21.114
23.0551	22.8263	21.5923	21.1712
25.506	25.9259	25.3637	25.8671
25.065	24.2217	24.4397	24.5439
21.4075	nd	22.6987	22.3655
29.1369	29.1482	29.2456	29.2236
27.0546	27.0021	26.9855	27.0411
23.3418	22.3876	22.1374	23.5829
27.7112	27.9138	26.9906	27.2489
22.2707	21.6174	22.7617	23.4721
27.2677	27.3059	27.0792	27.0401
23.175	nd	22.2409	22.9839
nd	22.262	nd	nd
23.5527	23.0839	23.6348	23.713
23.4564	24.2976	24.2777	22.066
26.0584	26.2861	26.0755	25.9653
25.9456	25.8353	25.9898	25.8953
nd	nd	22.1273	22.5041
30.4423	30.4356	30.15	30.0887
25.6487	26.1012	25.8004	25.5048
27.5951	27.6098	27.4577	27.3621
30.6396	30.5821	30.7437	30.681
25.1509	25.3002	25.2138	24.9775
25.7713	26.4193	26.0396	25.9675
26.7523	26.9729	26.8107	26.6623
26.2533	26.4992	26.3899	25.8031
24.7878	25.4306	25.3501	24.5554
25.4013	25.4976	25.4503	25.0243
21.4584	21.7413	21.8003	21.1134
24.8689	24.1049	24.2165	24.7503
26.8662	26.6619	26.4991	26.3802
22.9404	23.0807	23.0046	22.8601
26.8059	26.7604	26.9908	26.8357
22.7797	23.108	23.6383	22.7958

23.9333	24.3429	23.938	23.6075
21.7233	23.8902	23.8957	23.6995
27.4931	27.4062	27.4077	27.3174
24.7812	24.8914	24.5609	24.383
25.2105	25.068	24.886	25.2786
23.4913	nd	23.2795	23.4891
26.1907	26.607	26.4245	26.2725
25.1238	25.2002	25.2099	25.0494
23.5493	23.6544	23.56	23.3762
22.6046	23.3592	nd	23.3716
24.2394	23.8333	24.1756	24.2087
25.2264	25.2985	25.4128	25.7096
22.5488	nd	nd	22.9294
22.9548	22.9486	22.7002	23.6748
21.7191	22.3967	22.1855	21.9202
24.257	24.2354	24.2869	23.3088
25.0754	25.4635	25.1072	25.016
24.4187	24.7206	24.1779	24.0523
21.2231	nd	21.7606	27.5743
24.7493	23.6924	24.3692	24.5239
26.8986	27.1307	26.7976	27.021
25.103	25.4257	25.0585	25.3878
24.6598	25.0048	24.705	24.89
28.253	28.4418	28.3896	28.3491
24.5262	24.2441	24.4976	24.3675
nd	25.511	25.2728	24.4964
nd	29.7873	29.9519	29.5755
nd	25.5476	25.3842	25.3035
nd	23.4234	23.7345	23.1351
nd	25.8644	26.6371	25.789
nd	25.6431	25.8736	25.3619
nd	25.5242	25.7345	24.6321
nd	24.6818	25.4862	24.4361
nd	23.1592	23.2264	23.9252
nd	29.1801	29.1444	29.788
nd	25.2524	25.0898	25.2543
21.8559	21.8498	21.1346	21.4168
22.6847	22.8088	22.6124	nd
22.9298	22.329	22.7438	22.8762
25.6885	26.3389	26.0609	26.03
28.3283	28.4668	28.6018	28.4956

29.7553	29.9086	30.0496	29.9408
24.1914	24.7871	24.7225	25.8772
30.7182	30.759	30.9421	30.7259
29.787	29.8159	30.0712	29.8843
22.9099	23.1784	23.1984	nd
24.933	24.7723	24.5671	24.9453
22.0822	22.9779	22.5374	23.2426
23.0736	22.6065	23.2242	22.9847
22.8161	23.4571	23.0521	22.8417
25.528	25.1619	25.1081	25.201
21.3822	nd	nd	21.0407
24.3707	24.4957	24.4932	24.4207
24.785	25.18	25.2593	25.651
28.0189	28.1619	27.8512	27.6759
29.8396	29.5915	29.4343	29.4098
27.571	27.4314	27.3534	27.1588
23.5101	23.0545	nd	23.6577
24.1108	23.627	24.1955	24.554
21.6532	21.3133	21.7702	21.2982
26.3184	25.7099	25.725	25.7659
25.0859	22.9276	24.079	23.0486
31.5467	31.5731	31.6875	31.844
25.1244	24.3491	25.7662	25.513
21.9873	21.0211	22.3388	22.7395
22.9528	23.4054	23.6905	23.6594
27.0993	26.9753	27.2233	27.1657
24.2041	24.4432	23.7758	23.7116
27.3359	27.3664	27.3167	27.3384
26.616	26.4795	26.5554	26.7539
22.3858	21.9269	22.195	22.5683
26.1502	26.2518	26.0162	25.9751
25.634	25.3052	25.1906	26.0322
24.1183	23.265	24.2081	24.2447
28.8746	28.644	28.9583	28.6829
nd	23.5623	23.6994	23.7195
31.3315	31.1479	31.3372	31.4552
28.0205	27.874	28.1208	28.4187
25.8187	25.7258	25.8145	25.8388
28.5285	28.4155	28.4221	28.4236
24.876	24.8499	24.6673	24.3276
25.7355	25.6939	25.4457	25.548

27.4038	27.2804	27.1848	27.0316
30.1477	30.2094	30.1507	29.9773
22.9447	23.2954	23.0049	22.2637
nd	21.9698	21.3382	21.5839
31.1027	30.9491	31.1977	30.9835
28.2356	28.2475	28.0959	28.1622
24.6415	24.8173	24.2864	24.8084
26.5255	26.3069	26.4313	26.1792
28.2516	28.668	27.7963	27.782
22.1739	22.1126	23.0407	22.4785
24.8607	24.7294	24.9958	24.5316
nd	nd	nd	24.1426
26.5055	26.5342	26.4018	26.7701
25.2222	25.2582	25.2957	24.789
22.9843	21.9449	nd	22.4723
22.3096	21.1599	22.4438	22.0699
23.6503	23.4017	nd	24.7315
27.2732	27.2936	27.2023	27.5019
28.9489	28.708	28.7234	28.8449
23.0947	23.0841	23.3772	23.414
23.6956	24.3047	24.0887	23.7526
30.7671	30.7677	31.04	30.8104
nd	21.9404	21.89	22.6882
22.4755	23.038	23.1672	23.6342
32.5909	32.6764	32.6723	32.6517
25.6054	25.1128	25.6835	25.5002
23.8472	23.502	23.3437	24.0201
24.7205	23.9171	24.3216	24.2454
26.7992	26.6672	26.7033	26.1737
25.3282	25.2245	24.913	24.8672
21.2887	nd	20.9849	nd
22.8647	23.933	24.3264	24.6011
24.2425	25.3385	25.1248	24.4538
25.8837	25.8245	25.5839	25.8543
23.6734	24.1033	24.0282	23.8244
24.832	24.9991	24.9597	24.9358
23.536	24.781	24.2875	23.8782
26.8311	26.9824	26.8427	26.8284
23.7628	25.92	24.9895	25.5843
27.8292	28.1643	27.7932	27.9763
24.2364	24.0552	23.6278	23.8336

24.68	24.9933	24.5339	25.0039
23.0184	23.4836	22.7547	22.6264
24.9614	24.8191	25.0203	24.9251
21.9437	22.0083	nd	21.2316
nd	nd	22.8807	22.6063
23.8845	23.7083	nd	23.9814
26.2978	26.5833	26.6242	26.714
nd	nd	nd	nd
23.6839	23.5279	23.7632	23.2795
25.2419	25.9943	26.3501	26.0246
22.0737	21.8993	21.8875	21.9431
24.1353	24.5754	24.5271	24.4138
25.2685	25.2237	25.0848	25.058
23.7067	24.2792	23.8167	23.9515
23.1721	23.1726	22.7153	22.6592
22.8608	22.4398	nd	nd
nd	nd	nd	22.9118
22.9869	22.7372	21.2079	21.964
27.0221	26.9167	26.8389	26.9788
24.9075	24.928	24.4228	24.8197
26.1314	24.1585	24.3138	25.4171
21.4966	nd	nd	22.1148
23.5827	23.8342	24.2628	24.0202
21.6088	21.3944	21.2074	21.0272
24.5738	24.8746	25.2426	25.0629
21.4822	21.6993	21.6484	22.0455
14.8393	nd	nd	15.9075
28.3333	28.3446	28.4333	28.4617
25.431	25.1541	25.1509	25.4282
25.2296	25.5331	25.2463	25.4115
23.1603	22.616	23.21	22.9345
23.5745	23.6681	nd	23.7091
21.9784	22.5942	22.4804	22.9396
27.4443	27.4005	27.4293	28.5677
23.9097	24.2863	23.59	23.5053
28.4862	28.7127	28.5006	28.9749
30.219	29.662	29.9553	29.9418
23.6308	nd	23.6797	23.2973
27.2584	27.5673	27.3766	27.6657
25.5759	25.3989	25.3939	25.5911
26.3102	25.1538	25.427	25.216

nd	22.8937	23.076	nd
23.0215	22.3156	22.539	22.5686
22.6512	23.0146	22.5653	nd
25.4361	25.577	25.8725	26.0706
31.5009	31.5311	31.0295	30.7291
26.8116	26.7899	26.8947	26.9448
29.3279	29.5664	29.7033	29.3774
22.4619	22.3717	22.6582	22.7399
25.7808	25.48	25.5568	25.5567
24.128	24.1838	24.4946	24.5069
24.3067	24.7785	25.004	25.269
21.645	23.3566	22.2795	21.9021
24.3496	24.3881	24.3155	23.5432
24.4645	nd	24.4953	24.1738
23.1834	nd	nd	21.4198
27.9871	27.9311	27.8823	28.1943
24.9172	24.162	24.4124	24.9158
22.9623	22.8936	22.8949	22.8296
21.969	21.1035	21.1513	nd
20.6176	20.4114	20.1747	20.1325
21.7702	21.5841	21.3064	21.594
nd	24.099	24.3629	24.7198
23.0795	22.5725	22.6208	22.9992
24.7038	24.7139	24.614	25.098
25.1956	25.0964	25.3631	24.8024
26.5497	26.0032	26.1555	26.1497
23.5557	23.8304	23.1797	23.7212
22.4375	22.7585	22.6872	22.727
nd	23.5892	23.9433	24.4299
26.1081	25.6136	25.9885	26.169
22.8016	23.2351	22.751	23.0824
23.461	25.1416	23.5268	23.8133
23.4859	nd	24.1315	23.6899
22.7818	22.6609	22.4464	22.5127
24.9898	24.3467	25.3789	24.8997
24.4667	24.4469	24.106	23.9537
30.1241	30.1155	30.2073	30.2456
nd	23.2494	23.4977	23.2096
25.5914	25.2601	25.306	25.4531
25.9379	26.161	26.3667	26.244
24.8473	24.5847	24.8663	25.2012

25.9797	25.9035	26.1105	26.1656
27.4731	27.3019	27.4067	27.512
29.4639	28.2119	28.7997	28.7943
23.3568	23.3332	23.082	23.5926
25.6092	25.1251	25.1483	25.2855
21.8484	23.8068	23.3348	22.441
22.8234	22.2516	21.6251	21.9356
23.149	23.2503	22.1813	21.7135
nd	22.4249	nd	21.9403
27.4066	27.191	27.3273	27.0928
23.0481	nd	22.2869	21.5437
24.6124	24.2281	24.7534	24.3253
28.8046	28.6541	28.7972	28.4523
22.2624	22.7099	22.8697	nd
24.0511	23.6101	23.2736	23.8521
26.937	27.1345	26.9919	27.0501
24.5032	24.8221	24.2484	24.2266
25.2434	25.3024	25.399	25.4346
22.0222	22.1648	22.3237	22.6631
21.3008	21.6197	21.1127	20.6865
nd	nd	nd	23.1664
30.0624	30.0675	30.1278	30.2389
34.5027	34.3513	34.5228	34.5294
23.0904	23.3669	23.1395	23.2696
26.578	26.4498	26.3729	27.0796
32.214	22.8417	21.9505	26.0632
28.8495	28.9375	29.0224	29.1384
29.5559	26.068	26.6384	26.8908
27.2054	27.1721	27.3289	27.3415
31.9767	31.9316	32.0877	31.8925
25.7698	25.3569	25.7753	26.1456
30.7626	30.5068	30.4843	30.6733
30.314	30.2823	30.2359	30.3041
nd	22.8158	21.5796	nd
nd	23.8541	22.4814	22.8938
30.2222	30.2716	30.1484	30.1342
25.4996	25.4434	25.4388	25.038
21.6822	21.9984	22.0238	21.4212
27.5131	27.3997	27.3434	27.4015
22.6036	24.0202	24.2993	23.3836
20.5816	nd	21.2827	20.7191

27.9146	28.118	28.3722	28.4815
25.0349	25.5481	24.8373	24.2286
25.7408	25.6821	26.1573	23.7217
22.9823	22.9588	22.5887	23.3332
23.1488	22.1771	nd	22.5092
24.721	24.4833	24.2439	24.6014
nd	22.814	nd	22.3459
21.6774	21.5135	nd	22.5874
24.7805	24.7316	24.9271	24.7901
24.1425	24.3196	24.7262	24.3614
nd	22.1035	21.6753	22.4465
24.4536	24.6334	24.4875	24.7295
25.2575	25.0522	24.5894	24.8661
25.7367	25.7704	25.6996	25.7457
25.1583	25.2236	25.0846	24.9213
24.5267	24.5593	24.1782	24.8735
nd	nd	22.6602	nd
22.7702	23.7075	23.2774	23.8559
23.7169	24.1158	23.6022	23.8685
22.6053	22.631	nd	nd
26.0175	26.0075	25.7699	25.2681
23.6281	nd	24.1492	24.0967
24.9149	25.0241	24.8571	25.0673
27.1086	26.9749	27.2214	27.4192
22.9253	22.6733	21.5962	22.7899
25.6636	25.5741	25.2684	25.5317
27.434	27.2855	27.2591	27.2744
22.31	nd	21.4386	22.415
27.1232	26.6115	26.6679	26.6767
23.9331	23.4046	22.5523	23.0601
25.3228	24.5627	25.1098	24.9961
25.3168	24.5979	24.7201	24.742
23.0034	22.0875	22.3711	22.5521
24.4347	23.6816	23.7943	24.1431
27.0232	26.066	26.3268	26.5931
24.096	23.3826	nd	nd
25.379	24.787	25.1033	24.8697
26.511	25.1973	26.0876	26.3393
26.5808	26.2787	26.1239	26.1298
nd	21.8392	nd	22.0858
20.724	20.2119	20.8317	20.8623

25.9602	25.3183	25.383	25.4715
25.6205	24.6243	25.1899	24.9441
24.205	23.332	23.932	23.8613
25.2769	24.5034	24.9237	24.9561
24.0817	22.3841	23.2998	22.9885
23.5212	22.6982	nd	22.419
23.9879	22.9229	nd	23.7822
25.2052	24.4194	24.3838	24.7882
25.411	24.7387	24.7521	24.7634
27.5873	26.8903	27.1285	27.1386
27.0264	26.438	26.5406	26.3711
25.9889	25.4408	25.9036	25.5266
24.7844	24.1045	24.2123	nd
25.4103	nd	25.1019	25.312
24.4519	nd	nd	24.122
24.9841	24.4202	24.4264	24.7004
25.7866	24.9352	25.2928	25.551
27.1918	26.257	26.5578	26.7157
24.8925	24.0483	24.718	24.7409
nd	20.9912	21.126	nd
23.9242	23.7081	23.2821	nd
26.9955	26.7398	26.7012	26.962
25.3088	26.0666	25.3551	24.5336
nd	nd	nd	18.7228
26.8056	26.8994	27.0408	27.4113
23.7752	23.814	23.4765	23.0406
22.8508	22.9009	23.021	22.7333
22.6907	nd	nd	nd
22.451	22.3811	22.4009	22.3365
23.6777	24.1806	23.7999	23.4429
23.0373	22.6141	22.3881	22.8966
23.4482	23.3253	23.3454	22.7362
24.8648	24.2767	24.0025	24.9201
28.2662	28.6206	28.4977	28.6901
26.218	26.5729	26.582	26.561
22.6638	22.5585	22.6526	22.6312
24.1973	23.5513	23.625	23.7435
24.8389	24.8147	24.7271	24.8357
30.7533	30.6633	30.4572	30.5709
nd	nd	22.9147	22.7772
24.8066	24.9267	24.8331	25.0323

28.5979	28.5141	28.531	28.9006
21.7372	nd	21.3892	21.9356
23.0912	nd	22.1279	22.9789
24.8263	24.5335	24.9417	24.1759
27.0824	27.2525	26.9464	27.0993
25.0755	25.8034	26.0365	26.4184
23.6074	23.3724	23.4578	23.3461
22.0722	22.1872	22.5085	21.1513
25.0763	24.8248	25.2437	24.5815
23.495	24.0821	24.0506	nd
26.2468	26.1644	25.9893	26.0743
26.2107	25.7367	26.1675	26.397
24.9191	24.2401	24.899	24.1225
29.442	29.3876	29.6423	29.4033
25.4954	25.3342	25.3963	25.6058
24.6865	24.5599	24.7073	24.7493
24.0215	24.0951	23.9809	24.4827
24.2762	25.2187	25.1039	24.7783
24.3951	24.1125	24.6239	24.5346
25.0432	25.4547	25.6183	25.5353
22.9319	24.6051	24.4396	24.6677
26.0643	25.9685	26.1777	25.7438
24.7275	24.9454	24.9972	24.8319
23.2289	22.901	22.9076	22.6375
24.819	24.5204	24.6901	24.7408
22.4381	22.7103	22.7882	22.0801
23.1177	nd	22.7373	22.6098
20.7136	21.1162	21.0666	20.5735
24.8569	25.1866	24.6765	24.8735
24.6498	24.5192	24.4388	24.665
nd	20.5675	nd	20.9222
23.9889	23.4565	23.6913	23.5015
23.4676	22.6734	22.7442	23.4296
nd	22.1206	20.9989	22.4398
nd	22.2745	nd	22.6479
21.8389	22.1261	nd	22.5276
26.6436	26.7155	26.6356	27.0529
25.6952	25.9502	25.8348	25.2475
28.0164	28.0678	28.106	28.0555
nd	22.3856	nd	22.9636
30.2613	29.3504	29.6743	29.4557

32.4437	32.2988	32.5288	32.3615
26.2294	26.3122	26.104	26.2541
25.7041	25.2094	25.3795	25.6693
25.7207	25.2558	25.4565	25.7011
24.3734	24.4114	24.0039	24.4548
23.825	23.4728	23.4116	24.1657
22.1394	22.7762	22.1644	22.5492
22.843	23.0474	23.2821	22.803
22.3604	22.7758	22.5221	22.3324
nd	nd	nd	nd
24.497	24.5562	24.4205	24.71
25.6442	25.8007	25.4924	24.9882
26.4029	26.4436	26.1311	26.3234
28.4631	28.3362	28.1177	28.2658
23.6835	23.4946	23.6888	23.7126
28.75	28.8009	28.8724	28.9864
24.8665	24.8005	24.2726	25.1401
26.5295	26.6466	26.5969	26.6168
nd	22.7485	nd	24.0999
25.3041	25.1364	25.4585	25.6325
22.9623	23.4243	23.7725	24.1579
26.3352	26.4343	25.9042	26.2271
24.5368	24.8088	24.5809	24.2615
25.0317	24.6029	23.434	25.0083
24.7005	25.276	24.5942	25.6275
22.9304	22.894	22.9625	23.236
nd	nd	22.2729	22.2918
nd	23.4536	24.0801	23.0897
23.9076	24.1142	23.8458	23.7722
28.8839	29.0247	28.9534	29.2044
nd	20.0925	20.3751	20.3188
25.2438	25.5245	25.3778	25.0568
27.9599	28.0124	27.8146	27.7757
21.2884	20.2066	21.4836	nd
25.7738	25.858	25.7216	25.735
20.2979	20.7166	20.2581	20.5446
26.4085	26.3047	26.1544	26.1525
27.8808	27.9208	27.8498	28.0577
27.6936	27.8461	27.5274	27.823
26.3031	26.1273	25.9548	26.2995
25.1621	24.4446	24.5631	25.1938

25.9339	25.5904	25.5692	25.7003
25.2835	25.121	25.0935	25.1912
25.8943	25.8669	25.9557	26.1084
25.0249	24.8288	25.1573	24.5953
23.824	23.957	23.9549	23.9294
22.4205	22.6907	22.513	22.6575
21.2853	nd	21.2964	nd
24.8363	24.6303	nd	24.369
24.8497	24.988	24.9385	25.1416
26.5378	26.5245	26.1878	26.4919
27.5089	27.5654	27.4385	27.5305
23.1938	nd	22.8788	23.3264
25.6024	25.3996	25.5647	25.1296
22.9786	23.4373	23.0377	22.221
24.1247	24.2753	24.2963	24.3523
27.87	26.9674	27.179	27.2277
28.4307	27.5684	27.8731	27.8066
nd	nd	21.7292	23.2964
30.0021	30.0291	30.0753	30.2847
26.691	26.6072	26.5868	26.9355
22.7938	nd	22.4031	22.3698
27.1672	27.2053	27.1702	27.3216
nd	21.2379	nd	nd
23.1554	22.3285	nd	21.9081
24.606	24.9145	24.4841	24.0284
28.9041	28.9255	29.1971	29.0531
28.2729	28.1628	28.138	28.2389
26.6327	26.8287	26.8042	26.5631
27.3427	27.23	27.2756	27.3235
29.4202	29.3812	29.4127	29.3203
21.9863	21.8792	21.6687	21.3518
20.9711	nd	22.3576	21.2796
23.9822	24.0606	23.9131	24.126
27.0396	26.5452	26.8749	27.6631
22.5013	21.8874	21.9291	nd
25.5452	25.7468	25.347	25.5872
25.2187	25.3601	24.9959	25.4522
29.4883	29.3852	29.2267	29.5127
24.3191	24.4234	24.1752	24.5659
24.8061	25.0217	24.6713	24.9483
22.5983	22.8412	22.3543	22.412

nd	nd	nd	21.3247
18.9738	19.9143	20.2013	19.6278
25.3213	25.5855	25.6445	25.0183
23.8992	24.5465	23.9829	24.0484
23.6086	23.8936	23.7183	23.8405
23.5247	23.4394	23.5115	22.809
25.6799	25.4076	25.4357	25.7176
26.2417	25.6455	25.4247	25.2228
27.5761	27.585	27.4077	27.4805
29.9258	29.8309	29.8566	29.7851
28.5639	28.3669	28.5058	28.4228
27.3154	27.3218	26.898	27.0367
29.0238	28.8691	28.7937	28.8186
27.9023	28.2048	28.0828	28.0064
28.1806	27.8975	27.8486	27.9154
21.3336	21.3297	21.2486	22.0651
23.0333	22.7058	23.0212	23.3384
30.6492	30.6879	30.6421	30.5291
24.8302	24.4624	24.472	24.6499
26.256	26.422	26.4233	26.5716
23.8328	23.838	nd	24.2949
27.9498	27.4802	27.8258	27.6814
26.9453	26.6337	26.5516	26.4966
22.4512	22.4447	22.0256	22.9727
20.526	19.573	20.9017	20.043
25.9273	26.0242	26.018	25.4716
24.3088	23.7247	23.3028	23.7123
27.3583	27.2895	27.2923	27.0994
nd	nd	22.6027	23.0688
21.7999	22.0123	nd	21.8398
23.1317	23.01	23.0747	23.6023
nd	21.6923	21.7331	21.2799
20.9007	21.4398	21.3753	21.3634
25.4125	25.3246	25.396	25.1458
22.9172	22.4989	22.6116	23.0172
24.6453	24.6815	24.526	24.2201
31.4041	31.137	31.2386	31.2536
28.2795	28.3093	28.008	27.611
21.9867	22.2519	22.1025	22.0763
nd	20.5181	20.4348	20.2726
23.1931	24.0819	24.4741	23.6865

nd	22.7921	22.3208	23.0246
23.6296	24.1996	23.9876	23.6745
27.6722	27.6505	27.4767	27.4409
28.8431	29.0351	28.9187	29.0215
26.8591	26.87	26.9525	26.8927
28.6853	27.9301	28.2245	28.4797
26.2862	26.2718	26.3027	26.1679
28.2208	28.3148	28.2679	28.2614
nd	nd	nd	nd
24.0227	23.7783	23.9259	24.119
30.0394	30.1756	30.1612	30.1148
nd	22.362	22.336	23.2985
22.4357	22.7563	nd	22.6931
23.5443	23.6959	24.2298	23.54
20.5671	nd	21.7734	22.0273
25.2083	24.9534	25.0371	24.5742
nd	21.8859	22.3069	22.3096
26.007	26.4499	26.0626	26.1532
25.1046	25.2358	24.969	nd
22.4067	22.7952	22.1336	21.924
22.8251	22.3306	22.3389	22.3817
21.6388	23.1559	22.7166	23.0414
22.6799	23.1967	23.5072	23.3052
22.2778	23.1796	23.103	22.5913
26.6807	26.6971	26.6439	26.3461
26.9035	26.8654	26.6968	27.0677
32.595	32.5152	32.4663	32.3199
24.2952	25.117	24.7536	nd
25.5451	25.3377	25.4843	25.7779
25.3055	24.904	24.4914	24.814
31.4203	31.4485	31.2125	31.418
27.7253	27.7418	27.6572	28.0394
23.8084	24.3764	23.8722	23.908
24.4311	24.7536	24.6698	24.4777
23.1881	23.3711	23.8457	23.3002
22.0653	21.8295	21.6661	21.6456
22.9413	23.295	23.1488	23.9899
24.7733	24.0662	23.8754	24.2612
28.804	28.6837	28.5149	28.6852
22.0664	21.4752	21.8556	22.8098
28.1224	28.1327	28.3217	28.1611

24.1223	24.1633	23.9292	23.9924
23.5209	23.2846	23.5647	nd
26.9302	26.7674	27.1542	26.403
25.4651	25.403	25.431	25.7066
26.0575	26.2016	25.9156	26.2451
28.6354	28.6489	28.5985	28.5583
24.5446	24.9288	24.9498	24.668
26.0755	26.1606	26.1587	26.1026
22.7069	nd	22.3352	nd
21.7102	23.4898	22.1829	23.784
22.1358	21.9643	21.9554	22.3078
20.8993	20.8579	20.577	20.384
24.4898	24.2943	24.1972	24.7201
23.1576	23.3273	23.5244	23.4164
29.5817	29.5915	29.4643	29.4191
28.4263	28.2729	28.2013	28.5358
26.5575	26.0683	26.2067	26.3245
26.8123	26.7024	26.8121	26.8931
28.5329	28.4343	28.4229	28.4875
28.6789	28.6224	28.5599	28.6878
31.8674	31.7863	31.7836	31.7596
23.2246	24.2113	23.324	23.6492
24.151	23.6044	23.9734	24.1469
24.6753	24.5409	24.3886	24.0798
24.6692	24.9959	24.6323	24.7414
25.4033	25.0683	25.5184	25.5247
24.3104	23.841	23.8268	23.866
24.1251	24.1737	22.9952	24.2026
22.153	22.534	21.899	22.226
23.0896	nd	23.5552	23.2146
28.9435	28.8904	28.7778	28.8217
24.1571	nd	24.0992	23.899
25.5876	25.4118	25.5343	25.3039
nd	nd	21.1016	22.6103
21.4025	21.4611	21.65	nd
23.4404	23.5686	23.5228	23.314
24.3415	24.743	24.9385	24.8049
24.2204	23.3079	23.7259	24.4942
25.1425	25.1588	24.9882	25.3844
22.0427	26.7243	24.1552	25.7451
24.4263	24.7026	24.5788	24.5144

23.9144	24.4986	23.9136	23.3919
22.1727	nd	nd	nd
26.7184	26.6302	26.4171	26.7376
24.6587	24.8698	24.9457	24.7242
27.0522	26.8675	26.9099	26.869
26.3111	26.3995	26.2874	26.4982
25.15	24.5946	24.6674	26.1221
25.7332	25.7564	26.2334	25.7748
26.268	26.0799	26.0798	26.4317
25.9617	26.0376	25.9369	26.2232
25.8927	25.7099	26.1014	26.3029
27.2937	27.3526	27.0084	27.3927
26.4944	26.6148	26.1231	26.4503
25.3349	25.0964	24.7801	24.7413
24.0818	24.0942	24.1758	23.9332
23.5114	22.8279	23.2508	23.4392
24.669	24.535	24.3153	24.0714
23.9129	24.2728	23.7007	24.1118
24.8512	24.764	24.8285	24.8597
25.2576	25.2445	25.0293	25.5562
26.3542	25.9358	26.1845	26.4589
26.3933	26.5816	26.6294	26.4386
25.5563	25.3948	25.3757	25.3391
26.0698	25.7874	25.639	25.9932
26.0095	26.2597	26.1472	25.9614
26.3969	26.5217	26.2843	26.4761
24.7687	24.5452	24.5762	25.1386
24.7018	25.451	24.6061	24.7384
24.9453	25.1793	25.6589	25.5564
26.9982	27.1382	26.9604	27.1236
24.1238	24.2028	24.2482	23.9653
23.8798	23.6229	23.8827	24.3772
25.0113	25.0697	25.3726	25.6988
23.1008	23.5658	23.1685	23.8719
26.3391	26.3971	25.8495	26.0363
24.8085	24.6178	23.2947	24.0149
23.651	23.8089	24.2075	24.0982
27.4196	27.3654	27.3064	27.6186
26.9713	27.3034	27.156	27.1712
21.4588	21.8759	21.0824	nd
28.0087	28.3037	28.1119	28.2514

nd	22.8569	22.0545	22.0297
nd	nd	22.5587	23.245
22.2376	nd	22.7467	22.4687
23.8797	23.5596	nd	23.2832
25.9665	26.1691	26.1858	26.3767
22.5788	nd	22.1131	22.0779
30.3466	30.387	30.1926	30.0016
23.3838	23.3363	22.8378	23.2547
24.1441	23.8519	nd	23.1084
25.7788	25.5726	25.5816	25.7665
23.6466	24.0336	23.9854	23.6406
23.5699	23.4681	23.3243	23.029
24.1996	24.3871	24.2152	24.2518
nd	21.1222	20.9989	20.9817
21.5686	22.1165	nd	21.7774
21.4026	21.0604	nd	22.0269
30.7019	30.5474	30.6709	30.6139
23.9681	23.6148	23.7007	23.5601
22.4073	nd	22.1117	23.7473
25.1029	25.2463	25.1183	25.249
23.3801	22.9842	23.3988	22.8135
25.2859	25.5702	25.7238	25.3712
28.2792	28.4014	28.1852	28.2748
24.5707	24.0523	24.1689	24.619
29.9045	28.455	28.2969	28.2584
26.3182	26.2201	26.1627	26.3923
26.2667	26.1469	26.0086	26.1077
24.74	24.1215	24.4573	24.4257
22.0864	22.2886	22.031	nd
25.6577	25.8468	25.6068	25.9077
25.6177	25.664	25.7748	26.2702
22.2523	21.9467	nd	21.4746
26.2259	26.057	26.2592	26.5571
23.4415	24.0277	23.492	23.3728
26.7033	26.4318	26.4486	26.7547
24.4279	24.483	24.4242	24.5937
25.4266	25.117	25.4646	25.5924
21.5429	21.5329	21.677	20.4928
24.224	24.24	24.0927	25.0612
23.1944	22.901	23.191	22.9444
23.6487	24.843	24.8775	24.1688

nd	23.8499	23.8745	24.0241
26.3016	26.3176	26.4277	26.527
25.0388	25.0585	24.9	25.2336
24.0418	24.6238	24.3557	24.6643
26.1235	26.1889	26.0024	26.4896
23.4184	23.4468	23.5497	23.9235
22.3751	nd	22.259	22.1204
28.4609	28.5241	28.5131	28.3973
24.5849	24.2962	24.7805	25.0021
24.7538	24.6256	24.6832	24.9426
nd	nd	22.6694	22.7982
27.1026	27.1293	27.0049	27.227
25.5898	25.0876	25.3349	25.6834
23.9829	23.9394	23.3732	23.7051
21.1296	nd	21.0299	21.427
25.7507	25.4037	25.1455	25.4923
28.3306	28.4474	28.3638	28.4482
nd	nd	nd	nd
24.2179	23.3926	24.4804	23.8036
26.6211	26.5451	26.4692	26.6078
22.1758	nd	21.8031	21.6418
25.0485	24.8024	24.7084	24.802
23.6754	23.3903	nd	nd
27.4261	27.2245	27.3293	27.3477
nd	nd	nd	nd
24.2636	23.0461	23.675	23.766
23.8486	23.8039	23.7223	24.0825
25.928	26.1056	25.8654	25.891
23.1669	22.3224	23.031	23.8619
23.1477	23.1946	23.0249	23.2797
28.1447	27.9885	28.1705	28.0255
23.3589	23.4839	23.4621	23.1892
26.4653	26.5023	26.2349	26.5168
nd	22.508	nd	22.2591
22.0037	22.2001	21.8703	22.6197
22.3603	22.0819	22.6529	22.298
25.5612	25.7973	25.2334	25.3835
23.3877	nd	22.6329	23.716
22.3207	21.973	21.6904	22.533
23.7312	23.4636	23.1073	23.524
24.4075	24.4823	24.4799	24.3946

22.2068	22.4799	22.4981	22.0873
22.9203	23.1955	23.0321	25.0916
28.4436	28.4929	28.3671	28.7312
23.0994	23.8945	23.4392	23.0989
24.293	24.5513	24.5327	24.8511
20.1293	nd	20.3864	nd
24.1255	24.0439	24.1018	23.7851
22.0912	23.3192	23.3094	23.1228
23.5547	22.9136	22.6271	nd
23.195	22.9408	23.343	23.9342
22.8807	22.993	22.8435	22.4332
27.6977	27.6464	27.6122	27.6064
25.4158	25.6806	25.2975	25.2895
26.3989	26.6141	26.3326	26.2977
24.2444	24.5237	24.1517	24.0115
21.6346	21.6039	21.525	21.625
22.7396	22.6201	22.4745	22.6841
26.6267	26.2464	26.5945	27.0189
26.5406	26.4318	26.3197	26.7929
25.3763	25.136	24.541	24.2453
26.225	26.2958	26.486	26.7461
27.1349	26.8593	27.0967	27.1949
25.4121	24.8188	25.4728	25.3179
26.3477	26.3989	26.2013	26.6903
26.5609	26.7152	26.0663	26.5035
26.8915	26.6894	26.7087	27.3075
25.4858	25.4418	25.6776	24.8137
24.1896	23.8376	23.2663	24.5432
23.8502	23.5692	23.3358	24.2101
24.9759	25.3734	25.4183	25.4114
24.943	24.5313	24.9077	25.3538
26.4931	26.3742	26.2305	26.7192
24.3551	24.987	25.2278	25.5191
26.5641	26.4055	26.5892	26.8473
24.9313	25.097	25.2134	25.4285
24.9137	24.9034	24.59	24.8676
26.3112	26.2028	26.2046	26.4994
24.9083	24.6798	nd	25.138
23.9367	24.0266	24.1448	23.8949
26.9096	26.7794	26.8422	27.0829
24.1905	24.469	24.1962	24.403

26.48	26.5579	26.2427	26.4
25.3549	25.2411	25.6097	25.9371
24.5791	24.7759	24.6419	25.1707
24.5543	24.7973	24.2575	24.086
nd	24.0853	24.2539	24.5039
24.6427	24.1948	24.7102	25.3558
23.6948	23.6449	23.8267	23.8363
23.7443	23.7923	23.4507	23.9398
24.9061	24.8155	24.8376	24.7389
28.5357	28.5007	28.573	28.8038
26.6628	26.3504	26.4411	26.6555
26.5682	26.5208	26.412	27.0559
26.8585	26.7161	26.8261	26.7484
27.1508	26.7491	27.0796	27.1023
26.4344	26.2457	26.2072	26.4932
24.9443	24.9774	24.7549	25.2956
27.2772	27.0695	27.2703	27.3647
27.7884	27.9321	27.9961	28.025
27.3257	27.2535	27.3493	27.3997
27.427	27.6187	27.4533	27.8557
27.5726	27.8692	27.6101	27.7624
25.8265	25.6637	25.9499	26.0173
24.9866	24.8746	24.8898	25.4971
25.9239	25.6886	25.8532	25.7471
27.6643	27.2445	27.49	27.8513
24.6122	24.4764	24.8028	25.049
26.2657	26.0497	26.2774	26.4713
26.0456	26.0334	26.1	26.4152
23.0301	23.7495	23.4664	22.6622
26.3274	26.5318	26.2668	26.3687
26.7928	26.8089	26.7433	27.2289
27.0956	27.0214	26.9266	26.9913
26.2912	26.2133	26.3139	26.3868
25.3323	25.5348	25.1623	25.4946
22.9832	nd	nd	23.3736
24.3505	24.2314	24.2651	24.7714
24.7071	25.0196	24.4529	24.9228
25.231	25.1746	25.4486	25.3577
24.9549	24.9162	24.7946	25.0975
28.016	27.7708	28.1455	28.3268
26.8932	26.7316	26.7465	27.3059

22.9659	23.0218	23.0328	23.444
nd	23.7121	24.3174	24.0288
26.4792	26.0696	26.1309	26.4232
27.5024	27.2619	27.542	27.8383
27.4566	27.4605	27.1876	27.463
26.2127	26.1237	26.1748	26.2044
25.9004	20.9769	25.4934	21.9474
22.1765	22.0157	21.8562	22.0347
26.1622	26.4187	26.3788	26.3232
26.9426	26.9976	27.0589	27.2185
26.8848	26.902	26.7406	27.1056
28.1509	28.0899	28.137	28.2535
20.9341	21.4788	20.3892	nd
22.7032	23.2225	22.9965	22.9419
27.7045	27.8513	27.6258	27.4394
26.998	26.9058	27.0106	27.2318
29.9347	29.9714	29.9582	29.8488
22.1713	22.6129	nd	nd
25.2265	25.1536	25.2166	25.4565
22.7908	23.0733	22.6407	23.0258
24.0563	22.4037	22.5238	22.2389
25.1988	25.4354	25.3351	25.9784
22.0669	22.7226	22.9089	22.2337
26.8288	27.0134	26.7782	26.6409
25.1075	25.0923	24.897	25.1158
22.557	nd	22.3707	22.5228
24.501	24.6617	24.1698	24.5593
25.2018	24.2204	nd	nd
22.5322	20.482	22.2956	24.4298
27.6689	27.6255	27.8986	28.9467
29.2087	29.3817	29.1543	29.0065
22.6436	25.1765	23.5563	23.1859
nd	24.5643	25.6377	25.8483
32.1383	32.1338	32.1224	31.7018
25.8751	25.6921	25.6465	24.1698
26.2202	27.8424	27.5617	26.8662
22.1542	22.3674	22.242	22.1442
24.0681	24.3012	23.985	24.1643
25.0278	25.414	24.9304	25.0705
23.8753	23.7849	24.4072	24.2479
26.3847	26.309	26.5607	26.746

25.0187	24.7181	24.8232	25.2096
25.3057	25.2523	25.0697	24.8708
23.1401	22.9096	nd	22.4429
25.2635	25.1804	25.2725	25.4615
nd	nd	23.0374	23.2509
24.2867	23.6807	23.7043	23.8373
23.5691	23.2425	23.1153	23.6656
21.6778	23.2429	23.1783	23.2591
24.7284	24.8167	24.8201	24.8451
22.8939	22.7313	22.6623	22.6399
24.8743	24.262	24.6244	25.1638
22.9066	22.3389	22.8188	22.8451
23.85	24.1578	23.8284	23.8104
nd	23.0734	23.2013	22.7847
25.5997	25.6649	25.7727	25.4387
28.4855	27.5533	27.8232	27.681
26.8825	25.6079	26.0959	26.3162
25.2058	24.0914	24.7615	25.0783
23.5345	23.5951	23.1072	23.695
27.4251	27.3537	27.4421	27.386
23.2613	22.7847	23.1503	23.437
24.1286	24.4183	24.1966	24.5117
25.3256	25.2426	25.4561	25.5911
26.2425	26.6362	26.4196	26.3066
21.8016	21.2323	22.0538	22.5626
nd	22.0311	23.7267	23.4737
27.0896	27.1664	26.9799	27.2375
25.9218	25.7279	25.3242	25.2583
24.3996	22.694	24.3529	25.0615
28.2149	28.2802	28.1353	28.2971
nd	22.3134	22.6598	22.3782
nd	23.6331	23.6709	23.2549
21.3438	21.0156	nd	21.2786
21.6971	nd	22.3465	23.0546
22.2642	22.43	22.4393	22.0346
nd	21.9506	22.3973	22.7007
27.8318	27.7761	27.7221	27.8467
25.5271	25.5489	25.4092	25.1745
24.1861	24.7907	24.3196	24.2817
27.8286	27.8114	27.6697	27.6149
25.0616	24.9912	25.1479	25.7296

26.9643	26.8634	26.8293	26.737
23.5964	23.4145	23.8383	24.0387
22.8688	25.7773	25.3961	25.2868
27.5007	28.3755	28.0911	27.7989
30.8945	30.9491	30.8579	30.8824
27.2149	27.5901	27.4221	27.6029
27.3542	27.8283	27.7531	27.0769
28.7478	28.8427	28.6699	28.818
28.8855	29.9503	29.7609	28.9267
23.668	23.6213	23.4661	23.4158
19.9164	21.9206	nd	21.4195
22.6191	23.3061	22.6046	22.2756
28.2677	28.5983	28.2791	28.465
29.538	29.6857	29.5835	29.2225
25.0889	25.4867	25.349	25.1686
27.8967	27.8882	28.0677	27.6221
26.5536	27.0161	26.8869	26.6845
22.7616	23.0695	22.2737	22.3498
24.9742	24.7209	24.8349	24.7689
30.4205	30.371	30.2223	30.2078
23.7558	24.5296	23.9319	23.9515
22.3385	21.9373	21.7448	nd
24.5222	24.4596	24.4052	24.45
nd	22.9085	22.7534	23.0486
21.969	22.007	22.2663	22.6565
24.0508	24.7316	24.3637	24.192
23.6228	23.5913	23.5116	24.1292
23.3753	23.3836	22.9523	23.0114
24.8783	25.3501	25.0592	25.5491
25.8681	25.8573	26.0825	26.3298
25.377	25.4542	25.1362	24.6775
23.9704	25.0114	24.9717	24.8514
28.2663	28.3404	28.5451	28.2697
25.5521	24.45	24.6353	24.4887
25.3086	25.3251	24.9865	24.8849
26.4121	26.2206	26.1554	26.2925
26.7699	27.1152	26.697	26.6948
23.5247	23.5083	23.1753	23.2341
nd	nd	22.4346	22.5881
26.834	27.1744	26.9334	25.7268
27.6245	27.5304	27.7169	27.9315

23.2334	24.8387	25.1864	24.9734
29.3911	29.734	29.4137	29.1782
nd	22.7906	nd	22.5438
24.511	24.0531	24.2701	24.1162
24.32	24.5469	23.7077	24.0655
23.3141	23.0714	23.45	23.0146
23.7985	23.4098	23.8304	23.6006
nd	24.1148	24.0359	23.5417
21.5845	21.7542	21.4852	21.5061
24.0176	23.9175	23.4362	23.5615
23.7491	25.6515	25.0604	25.1463
21.7921	22.0432	21.9443	22.1789
22.5289	21.603	22.4669	23.3961
25.6858	26.1158	25.6907	26.4205
22.8832	23.7154	23.2006	24.5388
26.0344	25.9454	25.6717	25.8234
26.6799	26.9879	26.7161	26.8377
25.6535	24.5771	24.8144	24.9787
24.9858	24.715	24.9198	24.9936
27.3908	27.2771	27.2461	27.7046
30.3832	30.2086	30.2498	30.2743
23.7214	22.1352	22.5747	22.1107
27.6955	27.6181	27.7446	27.8332
22.3661	nd	22.9132	22.9223
21.767	21.9631	21.8646	22.0513
21.5209	21.8688	20.9987	20.9109
nd	22.511	nd	nd
22.7517	23.5365	23.3788	22.7613
24.8708	24.89	25.0427	25.1377
28.0822	28.6972	28.2943	28.393
23.053	22.9967	nd	22.0699
23.6312	23.834	23.9571	23.6183
27.9782	28.1127	27.9761	27.7432
nd	nd	nd	23.5612
23.712	23.5059	23.2426	24.0539
23.1759	23.0201	23.3481	23.1798
23.3901	22.8333	23.1415	23.2335
21.3877	nd	nd	21.3337
20.4724	21.879	21.8689	21.7118
26.6232	26.3933	26.5512	26.0878
22.3811	22.2685	21.8757	22.0193

nd	21.8078	nd	nd
21.5743	22.0086	21.3877	21.3187
29.4272	29.3046	29.62	29.3782
23.5915	23.6401	23.2711	23.6136
24.6153	24.9387	25.268	24.9654
26.6763	26.9107	26.6153	26.5684
24.9764	24.8964	25.0255	24.8395
23.9208	24.6631	24.8688	24.7622
23.8839	nd	23.3737	24.2321
24.8404	24.8442	24.7182	24.9065
23.8249	24.1322	23.4934	23.9362
25.5476	25.7965	25.6799	25.9621
23.9631	23.8136	23.6614	24.1834
24.8463	24.801	24.8608	25.267
23.7803	23.571	23.6676	23.9952
23.4031	23.5885	23.6699	23.4941
25.3163	25.2344	25.3272	25.2074
26.5009	26.7187	26.7877	26.5408
26.626	26.6749	26.4943	26.6592
24.7217	24.8911	24.8874	24.9391
23.1762	23.2721	23.2888	23.7286
nd	22.6471	nd	22.7891
26.2282	26.3031	26.2123	26.0826
23.8324	23.3894	nd	23.3275
24.4235	24.0064	24.1173	24.3183
21.8238	21.8906	21.5477	21.1058
23.2333	nd	23.6356	23.5148
22.9156	22.5182	22.2922	22.8015
24.3679	24.6391	24.5124	24.516
28.6778	28.8301	28.7708	29.1961
27.651	27.1011	27.2891	27.3029
30.393	30.259	30.5454	30.245
27.3446	27.4077	27.4391	27.3011
26.4746	26.5738	27.2316	27.2611
25.4377	25.8403	25.75	25.3595
23.7729	23.9723	24.126	23.8731
27.5571	27.4328	27.4666	27.1054
nd	nd	21.6788	nd
25.3897	25.4888	24.9308	25.0179
nd	nd	23.5739	23.1087
nd	22.8521	23.3645	23.6241

24.4534	24.5224	24.5082	24.6682
27.0557	27.3428	26.8923	27.0397
26.6847	27.11	26.8186	26.6252
29.9021	29.86	29.9007	30.1283
26.1949	26.8132	26.4755	26.2069
29.9246	29.867	29.867	30.1051
25.5972	25.4291	25.6409	25.6284
26.4795	26.1505	26.6337	26.8758
23.9269	24.3064	24.2258	24.6125
22.2568	22.3916	nd	22.7017
22.7862	22.7114	22.7366	23.0047
nd	22.3771	21.9782	21.5662
24.5147	24.9133	24.5129	24.2449
22.7877	22.71	23.1038	23.6257
nd	24.2403	24.3649	24.9979
23.5723	23.601	23.9847	24.0576
23.4676	23.763	23.6698	23.2453
24.002	24.0083	24.3553	24.7423
25.7167	25.7399	25.7584	26.1752
24.4236	24.0223	24.3573	24.8551
24.036	23.5157	23.8359	24.0219
25.7299	25.7895	25.7631	25.8694
23.5175	nd	23.1772	23.5876
21.4891	22.0041	nd	22.061
nd	24.5419	24.4664	24.3795
23.0009	22.766	22.8433	23.2975
26.209	26.0346	25.9334	26.2301
nd	22.1932	22.9412	22.6857
24.9491	25.0365	25.1295	24.9971
23.7008	23.9875	23.5827	24.2733
23.4214	23.2669	23.2623	23.2728
27.1374	27.1339	27.1977	27.451
25.4738	25.4364	25.3384	25.2949
22.3236	22.5195	nd	22.4039
26.7375	26.3448	26.4109	26.372
24.5467	24.3754	24.3633	24.4731
nd	nd	20.18	19.7622
23.0363	22.9955	nd	22.2895
23.6763	23.5014	23.1683	23.0975
22.0813	22.1033	21.9996	22.4129
22.3328	22.5704	22.4024	22.189

24.199	24.0641	24.0553	24.3045
22.8015	22.8258	22.7414	23.0835
22.2402	nd	22.8509	23.0471
24.7744	24.7737	24.8473	24.7783
25.4193	25.5203	25.5547	25.4731
27.3698	26.4332	26.7667	26.4462
28.4145	27.5024	27.9644	27.7032
25.5167	25.1077	25.5748	25.584
23.3298	23.0078	23.1018	nd
22.685	22.5028	nd	22.6415
23.6572	23.6482	24.0158	23.9009
27.0233	26.7544	26.742	26.7001
22.7458	22.5044	22.3466	22.4801
23.3882	23.6213	23.7883	23.6502
25.8228	26.3776	26.1112	26.0916
24.5892	24.7718	23.8301	24.4051
nd	nd	nd	nd
25.4737	25.4939	25.5798	26.0307
24.863	25.0563	24.5406	24.1629
23.699	nd	23.0108	23.3938
23.0439	nd	23.0754	23.0196
25.4839	25.5628	25.7236	25.6292
28.7	28.7078	28.7756	28.6983
33.3864	33.058	33.3315	33.318
32.9645	32.9623	33.1418	32.9241
25.6491	25.4057	25.7693	25.8021
26.7287	26.5935	26.6861	26.8823
24.8416	24.2952	24.5541	25.7755
26.2249	25.837	25.9949	26.1184
24.5819	24.5184	24.6769	24.136
nd	21.3356	21.3046	22.1404
21.0209	21.7741	21.2945	21.9223
23.1982	23.0435	22.5314	23.2387
24.5482	24.1443	23.3651	23.7356
25.1341	25.3636	25.5765	25.2428
21.723	22.1244	21.4904	21.2553
27.4151	27.3116	27.2557	27.5134
27.2185	27.0472	27.0363	27.0339
30.7088	30.8654	30.7191	30.7442
30.7572	30.6438	30.7167	30.5506
28.8124	29.0472	28.9523	28.9554

29.997	30.0802	30.0358	30.1404
nd	24.0227	22.2172	22.8888
25.9654	26.5233	26.2576	25.5934
27.0715	26.9178	27.0213	26.8548
22.972	22.1456	22.6393	22.0403
26.2605	25.9147	25.822	26.5748
23.7259	25.1883	23.5017	23.6883
22.5809	22.2194	21.9349	21.8605
22.0521	21.8961	21.5111	21.5803
23.3123	23.8395	23.8655	23.138
30.0711	30.0355	30.1527	29.8277
24.297	23.8971	24.1301	23.567
29.9464	29.8917	29.9687	30.1211
33.1265	33.1271	33.154	33.0708
24.4567	24.8343	24.6359	24.7445
nd	22.7693	22.5754	22.6046
25.8487	25.7584	25.7924	25.9484
25.2045	24.8952	24.9844	24.1398
23.0351	23.465	22.7313	23.3355
25.2541	nd	nd	24.4406
21.6261	21.2217	nd	21.7168
23.3565	23.4946	23.1591	23.1246
27.6428	27.7596	27.5383	27.6152
22.2931	22.5172	22.016	22.0787
23.9888	25.4512	25.592	25.4575
27.4852	27.3004	27.4612	27.4432
23.7258	23.9238	23.4472	23.3909
nd	22.4799	22.6146	23.5541
27.0231	26.5959	27.1221	27.0981
22.36	22.6722	22.3258	22.7028
23.5081	23.9108	23.5711	23.9979
21.3357	21.1313	20.3146	21.5421
22.5684	22.2058	22.1467	22.533
22.4553	22.7106	nd	21.5673
21.551	22.1732	21.9651	22.0814
25.0507	25.037	25.1848	25.0961
22.7074	nd	22.9347	22.8448
24.5866	24.0947	24.3463	24.2145
27.0567	27.1601	27.2502	27.0809
22.1152	22.3711	22.4896	22.3632
24.5921	24.8578	24.199	23.755

23.0781	22.7906	22.5658	23.3098
23.0324	22.9742	23.5883	23.7681
22.0003	22.0958	21.9641	21.3366
24.061	23.8915	24.0427	24.2314
26.4034	26.221	26.6214	26.2863
24.268	24.064	24.3364	24.9499
nd	22.8181	22.9278	24.7217
nd	22.1529	21.8799	22.0934
22.8896	23.3835	23.0253	22.4327
nd	21.8232	21.6737	21.8841
22.906	22.2389	nd	22.2267
25.2575	25.1155	25.3627	25.842
29.6951	29.5127	29.5116	29.5847
29.8651	29.4713	29.9147	29.8084
28.5119	28.5052	28.8065	29.0132
26.3448	26.5106	26.7997	26.5565
25.2028	24.9218	25.1128	25.6408
21.2413	20.4715	nd	nd
28.0549	27.9914	27.8953	27.8825
22.9014	23.8936	23.1299	22.7482
nd	nd	nd	22.2302
nd	20.6634	20.8203	21.4047
26.6564	26.6472	26.5487	27.3381
nd	22.3648	22.8045	22.894
21.0207	21.2226	nd	20.7657
22.7712	23.3653	22.7665	23.262
23.6233	23.8704	23.273	23.6831
21.7896	21.9656	21.7953	21.3967
25.5193	25.4332	25.197	25.6963
24.2707	24.552	24.7857	24.3854
22.8029	22.299	nd	nd
27.1944	27.4862	27.5306	27.3467
25.5581	25.5109	25.5839	25.4452
22.9561	22.7479	22.6349	22.3308
nd	23.1113	22.5473	22.9248
23.9762	24.3186	nd	24.3565
24.8579	24.3321	24.0494	24.5959
23.48	23.7907	23.8664	23.1363
nd	nd	22.8212	22.6036
25.3035	25.8956	25.3695	25.1147
23.8633	24.1966	24.0915	24.4876

21.6803	nd	20.8207	21.1939
24.2867	23.8068	23.9192	24.3324
nd	20.515	22.9348	nd
28.6563	24.1031	21.7275	24.2532
27.9778	28.3618	28.0175	27.8555
25.8458	27.1662	26.3271	25.8868
31.6357	31.8898	31.659	31.7223
27.3333	27.7823	27.7257	27.7146
nd	nd	23.8674	25.1896
27.1031	27.5749	27.2892	27.7264
25.5054	26.9144	25.9419	26.6172
23.3738	23.9417	24.0116	23.9143
32.1449	32.2596	32.0907	32.2043
28.6954	28.9142	28.8979	28.8224
25.4686	25.7054	25.075	25.2321
26.8257	26.2547	26.6979	26.6108
24.7938	24.358	23.9437	23.6919
23.061	23.3438	22.6528	23.131
28.0135	27.9672	27.8647	28.216
22.445	22.7295	22.3996	23.1182
25.4434	25.3077	25.3289	25.6619
26.4995	26.5976	26.3534	26.2765
24.7263	24.7166	24.43	24.9409
25.058	25.1899	25.0535	25.101
23.1464	22.9691	23.6262	23.9832
25.1615	25.067	24.6596	25.2352
24.3564	24.334	24.2567	24.4593
29.5471	29.6635	29.4719	29.6762
23.3214	23.4451	23.0889	23.546
22.4926	22.6464	21.1418	22.2747
24.5925	24.8444	24.3202	nd
22.1775	nd	nd	22.2601
24.9843	25.41	25.4618	25.0962
23.0128	22.9342	23.0044	23.3797
23.521	23.4782	22.9254	22.8402
26.9309	26.7556	26.6414	26.8016
27.3715	27.3708	27.2326	27.1624
24.8395	24.603	25.0421	25.1196
29.5169	29.6482	29.7322	28.8544
21.7711	22.9571	21.8346	20.9987
21.9914	21.5707	nd	21.7689

20.1326	20.025	19.8256	20.6558
23.4414	24.1159	23.5909	24.1329
22.5025	22.6014	22.1516	22.412
23.6291	23.7315	23.2734	23.7902
22.1431	23.5129	23.6982	23.7041
22.948	nd	nd	22.9612
26.9717	27.3511	27.4317	27.2374
22.7938	nd	23.1782	23.6
28.7859	26.9774	27.933	27.2647
24.9288	25.0357	24.9822	25.3673
24.0906	24.5669	24.8414	24.5378
24.9773	25.1033	24.7911	25.2028
25.3326	25.4742	25.2456	25.7664
27.0264	26.9601	26.6972	26.5545
25.7068	25.3942	25.3473	25.6855
nd	nd	20.9697	20.9621
nd	20.6007	20.7429	20.7784
26.4328	26.7566	26.6581	26.6309
24.7812	24.8241	24.5275	24.5001
26.298	25.3661	25.465	25.4895
24.5572	23.7979	24.0169	24.5989
26.7696	26.3373	26.2343	26.2478
28.7381	27.738	28.0878	28.1528
29.3036	28.4915	28.8626	28.8568
27.5899	26.8457	27.1986	26.72
25.1977	24.2477	25.0348	24.5842
27.2557	26.559	26.8083	26.7841
22.855	22.4682	22.4567	22.1286
22.6095	22.0953	nd	21.8975
24.7447	24.3797	24.4106	23.8968
24.4138	24.9794	24.4018	24.8588
nd	20.9755	20.5712	20.3795
25.2581	25.1439	25.8191	25.9606
23.7293	24.258	23.235	23.178
26.603	26.5654	26.5882	26.7425
23.1227	23.615	22.4056	23.1206
26.7264	26.8913	26.8219	26.6935
20.7524	21.4334	20.7677	20.8759
25.074	25.2302	25.0755	25.1825
24.4315	24.4811	24.3018	24.5844
25.5107	26.1856	25.8499	26.1782

22.4159	22.3958	23.2508	nd
26.869	26.826	26.6943	26.8105
28.0666	28.1942	28.2927	28.3564
nd	21.4705	21.2361	21.0521
22.5578	22.9171	22.6798	23.0629
28.4939	28.2939	28.4515	28.5494
32.7966	32.6614	32.8095	32.789
29.4058	29.3113	29.4253	29.4809
28.4983	28.3662	28.2541	28.5751
27.2626	27.0897	27.0237	27.3684
25.2011	25.1897	24.7104	25.4079
34.3026	34.2128	34.394	34.3635
nd	nd	22.8678	22.9628
21.6072	21.7474	21.4849	22.0477
24.0168	24.0265	23.7389	24.301
22.8568	22.6944	22.8284	22.6666
21.4692	21.6048	22.9183	22.1884
25.0955	25.3472	25.2255	25.41
26.9251	27.1585	27.0365	26.9479
20.7935	21.5707	21.0139	20.7694
nd	22.6309	22.7298	22.5784
21.8425	21.9759	nd	21.8007
22.2014	22.3528	22.6414	nd
25.157	25.266	24.9721	25.1737
22.1931	22.4413	22.4806	22.5406
26.0062	25.9615	25.9291	25.3685
25.024	26.2133	26.0179	25.904
25.4948	25.4229	25.2609	25.8977
26.6439	26.3276	26.9537	27.1006
22.1266	22.778	22.2672	22.0554
26.9096	27.1571	27.0596	26.7861
24.8527	24.6601	24.3063	25.3992
22.8845	22.1673	22.2822	22.8803
29.2552	29.2334	29.1004	29.1934
23.5315	nd	24.0602	22.4413
23.3072	24.0186	23.527	23.6693
27.3739	27.548	27.4041	27.6129
26.8787	26.7332	26.7125	26.5696
24.7089	24.5936	24.4121	24.8679
25.0364	25.2997	25.2319	25.0511
23.9725	23.8015	24.1606	22.9998

25.7413	25.6894	25.4243	25.6824
22.9316	nd	21.7187	nd
23.52	24.4799	24.27	24.0074
nd	nd	21.8312	22.3955
22.1532	22.7283	22.8522	22.9728
22.9604	23.3184	nd	23.0646
27.5602	27.5486	27.6921	27.778
28.1746	28.3862	28.1197	28.5519
27.8131	28.4438	28.2854	28.2337
25.7217	26.3173	26.0592	25.8486
29.0206	29.035	28.6976	28.9977
30.1271	30.1587	30.093	30.2186
24.5711	23.8739	24.5949	24.7077
20.4937	20.7466	20.9149	20.8673
nd	nd	19.7747	19.573
22.3762	22.7916	23.1303	22.9541
22.9304	22.2886	22.9505	23.1988
21.0152	21.1442	nd	22.4157
29.9002	29.766	29.8678	29.3938

t detected.

Peptides	Unique peptides	Sequence coverage [%]	Unique sequence coverage [%]
35	35	36.7	36.7
5	5	8.2	8.2
1	1	2.7	2.7
4	4	12.8	12.8
2	2	1.9	1.9
4	4	3.8	3.8
3	3	6.8	6.8
3	3	11	11
1	1	1.2	1.2
3	3	25.4	25.4
6	6	21.6	21.6
4	4	25.2	25.2
6	5	11.3	9.9
3	3	17.9	17.9
3	3	9.5	9.5
1	1	2.2	2.2
4	4	77.8	77.8
5	5	22.9	22.9
28	28	83.1	83.1
39	36	24	23
3	3	3.9	3.9
2	2	5.8	5.8
21	21	45.3	45.3
14	14	43.7	43.7
12	12	47.8	47.8
6	6	18.5	18.5
38	38	74.5	74.5
20	20	11.4	11.4
15	15	55.4	55.4
7	7	29.7	29.7
31	31	38.2	38.2
3	3	8	8
33	33	40.1	40.1
17	17	32.3	32.3
44	44	65.4	65.4
2	2	7.7	7.7
3	3	36.4	36.4
8	4	29.4	19.6

2	2	6.5	6.5
12	12	29.6	29.6
3	3	20.3	20.3
4	4	10.1	10.1
1	1	3.4	3.4
26	25	39.9	38.6
8	7	17.9	16.5
41	0	92	0
37	1	92.3	4.5
43	0	92	0
37	1	92.3	4.5
2	2	6.1	6.1
73	44	78.6	57.6
68	41	75.3	53.9
2	2	9.6	9.6
13	4	45.5	18.4
13	4	45.2	18.1
15	15	51.8	51.8
16	16	63.9	63.9
3	3	28.3	28.3
1	1	1.6	1.6
2	2	2.2	2.2
8	8	17.7	17.7
6	5	6.7	5.4
2	1	3	1.5
8	8	25.9	25.9
3	3	7.7	7.7
6	6	21.3	21.3
11	10	57	54.3
6	5	20.6	17.9
3	3	13.8	13.8
7	7	28.8	28.8
2	2	8.1	8.1
2	2	2.9	2.9
1	1	3.7	3.7
11	11	33.9	33.9
2	2	7.2	7.2
22	22	24.1	24.1
3	2	4.1	3.1
1	1	6	6
2	2	4.4	4.4

1	1	3.5	3.5
1	1	14.5	14.5
3	2	4.7	2.7
3	3	18	18
16	16	11.9	11.9
12	12	37	37
4	4	10.8	10.8
2	2	8.6	8.6
6	6	36.2	36.2
4	4	9.6	9.6
2	2	11.5	11.5
5	5	20	20
3	3	11.6	11.6
6	6	17.6	17.6
8	8	52.1	52.1
9	9	56.9	56.9
14	14	70	70
4	4	3.7	3.7
12	12	56.9	56.9
12	12	46.8	46.8
2	1	5.7	3.2
4	3	18.7	16.1
3	3	12.5	12.5
1	1	4.7	4.7
2	2	10.9	10.9
49	46	77	74.7
6	6	16.5	16.5
1	1	1.6	1.6
1	1	1.5	1.5
7	5	16	14.2
3	3	5.1	5.1
27	25	68.2	66.7
7	7	17.6	17.6
6	6	17.3	17.3
2	2	5.5	5.5
19	19	50.7	50.7
11	11	37	37
9	9	30.8	30.8
22	22	80.8	80.8
1	1	3.9	3.9
1	1	8.1	8.1

3	3	29.4	29.4
3	3	2.4	2.4
25	24	24.1	23.4
5	3	2.3	1.7
2	2	4.4	4.4
4	4	12	12
5	5	7	7
4	4	21.1	21.1
2	2	11.4	11.4
4	4	13.3	13.3
28	28	37.7	37.7
19	19	48.8	48.8
15	15	32	32
26	26	73.2	73.2
16	16	56.7	56.7
13	13	51.1	51.1
25	25	73.7	73.7
49	49	70.9	70.9
10	10	22.9	22.9
29	29	48.4	48.4
2	2	3.2	3.2
17	5	22.5	9.2
3	3	5.6	5.6
23	16	33.3	23.7
23	16	35.7	25.9
28	16	37.2	23.9
10	10	29.9	29.9
2	2	11.3	11.3
5	5	5.2	5.2
2	2	3.3	3.3
3	3	7.1	7.1
3	3	15.8	15.8
3	3	7.7	7.7
3	3	13.7	13.7
17	17	61	61
9	9	46.5	46.5
2	2	32.4	32.4
15	15	48.9	48.9
1	1	10.2	10.2
1	1	21.6	21.6
5	5	18.6	18.6

11	11	36.5	36.5
2	2	19.5	19.5
4	4	27.9	27.9
11	11	16.9	16.9
7	7	15.7	15.7
3	3	25.6	25.6
3	3	23	23
9	9	22.9	22.9
9	4	68.5	39.8
5	1	47	9.9
6	3	52.8	23.9
6	2	42.8	13.9
2	2	21.7	21.7
3	3	2.5	2.5
11	11	44	44
3	3	8	8
2	2	1.4	1.4
11	11	74	74
2	2	23.5	23.5
5	5	7.4	7.4
3	3	7.1	7.1
2	2	13.8	13.8
4	4	35.2	35.2
1	1	4.9	4.9
6	6	28.7	28.7
5	5	30.1	30.1
3	3	27	27
11	10	37.9	31.7
14	14	42	42
9	9	53.9	53.9
9	9	66.7	66.7
3	3	29.1	29.1
2	2	16.3	16.3
5	5	19.8	19.8
5	5	19.2	19.2
5	5	17.5	17.5
11	11	19.3	19.3
19	19	54.2	54.2
1	1	3.1	3.1
2	2	4.3	4.3
1	1	6.9	6.9

2	2	4.9	4.9
18	18	48.8	48.8
2	2	4.1	4.1
15	15	46.8	46.8
5	5	58.8	58.8
20	12	23.5	14.8
13	4	16.7	5.9
3	3	12.5	12.5
8	8	39.6	39.6
19	13	28.2	18.6
7	4	11.1	6.3
4	1	4.7	1.1
12	9	14	10.1
28	28	61.7	61.7
27	27	73.5	73.5
10	10	42.6	42.6
7	7	22.7	22.7
8	8	76.4	76.4
2	2	33.8	33.8
1	1	9.3	9.3
3	3	36.4	36.4
3	3	41.7	41.7
10	10	62.4	62.4
1	1	1.2	1.2
2	2	6.6	6.6
9	9	23.8	23.8
1	1	4.3	4.3
3	3	19.5	19.5
3	3	12	12
3	3	9.6	9.6
3	3	4.5	4.5
3	3	40.3	40.3
1	1	2.7	2.7
9	9	26.3	26.3
1	1	2.7	2.7
4	4	5.1	5.1
5	5	62.9	62.9
1	1	6.8	6.8
17	17	46	46
1	1	3	3
1	1	1.8	1.8

9	9	32.1	32.1
3	3	12.2	12.2
3	3	18	18
1	1	4.1	4.1
20	19	61.8	59.6
7	7	26.4	26.4
5	5	25.8	25.8
8	8	58.3	58.3
1	1	4.6	4.6
4	4	19.6	19.6
9	9	36.7	36.7
1	1	5.7	5.7
2	2	39.8	39.8
1	1	14.2	14.2
1	1	1.7	1.7
1	1	1.1	1.1
4	4	25.5	25.5
33	33	29.7	29.7
13	13	16.1	16.1
3	3	9.2	9.2
3	3	2.9	2.9
2	2	4.2	4.2
3	3	11.9	11.9
13	13	68.1	68.1
17	17	84.6	84.6
10	8	31.1	26.7
19	19	25.4	25.4
2	2	12.7	12.7
4	4	1.6	1.6
6	6	49.7	49.7
12	12	45.4	45.4
3	3	11.7	11.7
3	3	8.6	8.6
13	9	40.2	27.2
12	5	33.3	16.4
1	1	6.8	6.8
27	27	35.8	35.8
11	11	33.5	33.5
26	25	75.9	74.3
10	9	31.3	29.6
4	4	22.7	22.7

8	8	18	18
21	21	40	40
9	9	47.2	47.2
3	3	8.3	8.3
5	3	24.8	18.9
7	5	33.9	28
10	10	49.3	49.3
3	3	43.2	43.2
8	1	35.8	3.1
8	1	38.9	3
1	1	3.1	3.1
1	1	2.9	2.9
1	1	2.9	2.9
3	3	14.3	14.3
3	3	6.8	6.8
10	10	27.7	27.7
9	9	57.9	57.9
4	4	37	37
9	8	37.5	34.7
15	15	73.4	73.4
5	4	18.8	15.9
2	2	3.4	3.4
1	1	1.5	1.5
2	2	6	6
1	1	9.8	9.8
5	5	13.8	13.8
4	4	5.7	5.7
2	2	16.4	16.4
1	1	4.7	4.7
22	22	56.4	56.4
15	15	36.5	36.5
12	12	35.6	35.6
15	15	53.6	53.6
15	15	39.4	39.4
17	17	39.3	39.3
14	14	24.8	24.8
11	11	13	13
3	3	13.4	13.4
2	2	2.7	2.7
7	7	25.5	25.5
4	4	6	6

2	2	8.6	8.6
12	12	33.5	33.5
1	1	3.3	3.3
1	1	4.6	4.6
3	3	27.5	27.5
2	2	11.5	11.5
5	5	11.3	11.3
2	2	27.4	27.4
4	4	13.2	13.2
8	7	57.1	51.3
6	5	6.5	6
14	14	23.4	23.4
2	2	2.4	2.4
1	1	6.1	6.1
3	2	3.1	2.5
3	2	9.2	6.5
4	4	14.6	14.6
6	5	13.7	11.7
4	4	23.4	23.4
15	12	39.2	33.8
22	19	55.9	50.6
5	5	9.3	9.3
1	1	10.1	10.1
19	19	21.4	21.4
3	3	9.8	9.8
15	13	74.1	63.3
7	5	52.4	41.6
3	3	21.6	21.6
2	2	10.6	10.6
7	4	4.5	2.9
1	1	5.4	5.4
2	2	15.6	15.6
1	1	4.1	4.1
3	3	18.3	18.3
3	3	30.6	30.6
13	13	28	28
17	16	61.7	59.6
13	12	44.4	42.3
5	5	5.2	5.2
1	1	4.5	4.5
1	1	3.3	3.3

6	6	53.5	53.5
11	11	47.7	47.7
14	14	70	70
1	1	2.2	2.2
1	1	3	3
2	2	9.5	9.5
70	70	55.5	55.5
9	9	23.2	23.2
5	5	23.1	23.1
7	7	36.8	36.8
7	7	36.2	36.2
1	1	8.8	8.8
10	10	31.8	31.8
25	25	76.8	76.8
9	8	36.1	32.5
14	13	57	53.6
8	8	23.2	23.2
2	2	11	11
1	1	4.9	4.9
1	1	9.3	9.3
3	3	9.1	9.1
10	10	8.1	8.1
46	46	39.6	39.6
19	19	19.5	19.5
26	26	20.1	20.1
15	15	11.7	11.7
21	21	20	20
4	3	3.9	3
5	2	4.3	2
9	9	7.5	7.5
15	15	14.8	14.8
3	3	3.5	3.5
1	1	2.1	2.1
7	7	6	6
5	5	6.3	6.3
46	46	51.9	51.9
42	42	40.1	40.1
20	12	10.8	7.2
53	45	33.6	29.4
4	4	7.6	7.6
3	3	24.6	24.6

1	1	7.5	7.5
2	2	13.6	13.6
7	7	44.1	44.1
1	1	6.1	6.1
23	23	28.9	28.9
13	13	22.7	22.7
7	7	9.6	9.6
6	6	43.8	43.8
13	11	24.5	21.2
5	3	7.4	6
6	6	19.4	19.4
5	5	18	18
5	5	19.5	19.5
2	2	6.9	6.9
2	2	7.1	7.1
4	4	21.1	21.1
2	2	20.9	20.9
1	1	5.3	5.3
7	7	18.5	18.5
3	3	12.1	12.1
5	5	16.3	16.3
7	7	17.4	17.4
14	14	37.8	37.8
1	1	11.3	11.3
5	5	36.1	36.1
7	7	54.8	54.8
7	7	51.6	51.6
4	4	61.3	61.3
8	8	70.9	70.9
4	4	59.2	59.2
1	1	16.2	16.2
3	3	56.6	56.6
1	1	14.3	14.3
10	10	14.8	14.8
12	12	31.9	31.9
4	4	10.5	10.5
8	8	20.1	20.1
3	2	10.6	8.9
7	6	18.4	18.4
1	1	2.9	2.9
2	2	10.9	10.9

3	3	12.3	12.3
2	2	7.4	7.4
1	1	10.5	10.5
4	4	6.7	6.7
7	7	11.7	11.7
18	18	33.3	33.3
1	1	2.3	2.3
14	14	31.2	31.2
1	1	3.8	3.8
4	4	71.4	71.4
8	8	71.2	71.2
6	6	29.6	29.6
1	1	5	5
5	5	30.9	30.9
6	6	26.6	26.6
2	2	10	10
18	18	50	50
9	9	29	29
8	8	14.3	14.3
3	3	8.9	8.9
4	4	13.2	13.2
6	6	21.5	21.5
1	1	7.9	7.9
46	46	29.2	29.2
12	12	64.8	64.8
13	13	67.4	67.4
1	1	9.3	9.3
3	3	33.7	33.7
2	2	9.1	9.1
6	6	19.1	19.1
1	1	2.4	2.4
9	7	16	13.4
2	1	3.4	2
3	2	6.9	5.7
2	2	5.2	5.2
9	7	17.4	15.1
2	2	3.6	3.6
9	9	14.1	14.1
6	6	25.4	25.4
11	11	37.1	37.1
2	2	11.1	11.1

6	6	11.2	11.2
1	1	3.1	3.1
4	4	5.5	5.5
3	3	4.2	4.2
2	2	3.2	3.2
3	3	5	5
3	3	18.6	18.6
1	1	8.1	8.1
1	1	15.7	15.7
4	4	32.1	32.1
2	2	32.2	32.2
4	4	27.9	27.9
18	18	83.5	83.5
1	1	5.3	5.3
9	9	58.6	58.6
9	5	63.8	39
13	13	13	13
5	5	37.9	37.9
2	2	7.4	7.4
2	2	3.5	3.5
2	2	5.9	5.9
8	8	53.8	53.8
3	3	4.9	4.9
2	2	5.1	5.1
12	12	17.1	17.1
3	3	8.7	8.7
8	8	19.8	19.8
3	3	14.6	14.6
2	2	39.1	39.1
6	6	22.2	22.2
12	12	26.1	26.1
19	18	53.4	51.1
5	5	20.7	20.7
10	10	13.6	13.6
11	11	35.1	35.1
1	1	8.6	8.6
1	1	5.5	5.5
1	1	7.4	7.4
9	9	43.9	43.9
7	7	8.6	8.6
1	1	3.3	3.3

8	8	30.2	30.2
1	1	5.4	5.4
9	9	95.8	95.8
9	9	16.5	16.5
12	6	22.9	12.5
3	3	3.9	3.9
1	1	3	3
9	9	27.8	27.8
11	3	23.1	7.7
11	3	22.2	6.7
2	2	2.7	2.7
1	1	1	1
14	8	30.1	19.1
2	2	5.3	5.3
3	3	7.5	7.5
14	14	55.2	55.2
4	4	8.7	8.7
2	2	7.6	7.6
21	16	54.2	47.8
5	5	22.8	22.8
5	5	24.6	24.6
2	2	8	8
3	3	4.5	4.5
2	2	2.1	2.1
11	11	10.9	10.9
5	5	5.9	5.9
2	2	6.7	6.7
20	20	37.7	37.7
11	11	31	31
10	10	31.5	31.5
93	93	35.7	35.7
4	4	11.9	11.9
2	2	9.3	9.3
2	2	9.2	9.2
1	1	5.4	5.4
7	7	28.5	28.5
2	2	2.4	2.4
2	2	5.5	5.5
1	1	16.4	16.4
3	3	10.3	10.3
5	0	6.2	0

22	22	45.4	45.4
15	10	22.4	15.8
11	11	33.4	33.4
5	5	3.6	3.6
17	17	60.7	60.7
7	7	21.3	21.3
1	1	2	2
7	7	39.8	39.8
3	3	45.5	45.5
27	23	65.9	56.1
25	21	62.8	54
2	2	10.7	10.7
8	8	4.3	4.3
5	5	0.9	0.9
18	17	81.8	77.6
1	1	13.3	13.3
11	11	27.6	27.6
1	1	5.5	5.5
5	5	38.9	38.9
106	106	30.9	30.9
1	1	5.6	5.6
7	7	22.2	22.2
3	3	27	27
2	2	38.5	38.5
1	1	15.9	15.9
2	2	49.1	49.1
15	15	12.3	12.3
8	8	36.1	36.1
1	1	7.2	7.2
10	10	51	51
14	14	59.5	59.5
5	5	16.8	16.8
7	7	17.5	17.5
5	5	4.3	4.3
1	1	3.2	3.2
25	15	65.4	42.2
4	4	30.7	30.7
6	6	33.8	33.8
2	2	17.8	17.8
12	12	39.6	39.6
39	38	56.3	55.1

11	11	30	30
9	9	29.8	29.8
6	4	29.6	20.8
5	3	19.2	10.4
3	3	5	5
9	8	12.6	11.5
5	5	5.8	5.8
3	3	7.2	7.2
25	15	60.7	40.6
41	37	78.8	74
14	3	32.5	10.7
26	18	58.6	46.8
6	6	25.4	25.4
4	4	11	11
14	14	11.7	11.7
4	4	7.2	7.2
8	8	12	12
4	4	12.2	12.2
9	9	26.1	26.1
7	7	31.9	31.9
2	2	7.2	7.2
2	2	8	8
2	2	10	10
1	1	7.6	7.6
6	6	14.4	14.4
3	3	13.6	13.6
13	6	41.1	24.1
9	2	28.3	11.3
4	2	15.1	9.2
5	5	13.9	13.9
3	3	12.9	12.9
6	5	5	4.6
9	9	13.7	13.7
4	4	38.6	38.6
5	5	14.5	14.5
9	9	83.8	83.8
2	2	3.5	3.5
7	7	26.4	26.4
16	16	44.7	44.7
1	1	4.7	4.7
4	4	7.2	7.2

2	2	12.6	12.6
5	5	38.6	38.6
27	27	36.5	36.5
10	9	18.5	17.5
12	12	27.9	27.9
10	10	28.2	28.2
8	8	28.1	28.1
24	19	74.2	55.3
5	1	19.4	3.7
8	4	30.9	15
17	17	21.8	21.8
5	5	8.7	8.7
6	6	10.6	10.6
1	1	2.4	2.4
8	8	26.7	26.7
12	12	31.1	31.1
5	3	7.6	5.3
5	4	6.8	5.8
22	22	60.4	60.4
5	5	17.3	17.3
1	1	1.7	1.7
1	1	2.9	2.9
1	1	1.6	1.6
5	3	5.8	4.9
18	18	16.3	16.3
2	2	3.2	3.2
2	2	3.3	3.3
4	4	4.6	4.6
1	1	0.9	0.9
3	3	15.9	15.9
1	1	10.6	10.6
3	3	8.6	8.6
4	4	22.1	22.1
8	8	33.5	33.5
9	9	62.4	62.4
26	26	32.6	32.6
16	16	29.5	29.5
2	2	5.3	5.3
16	16	62.8	62.8
11	11	58.8	58.8
10	10	21.1	21.1

6	6	42.5	42.5
1	1	1.1	1.1
2	2	3.8	3.8
13	13	23.5	23.5
7	7	17.2	17.2
3	3	24.1	24.1
12	12	75.8	75.8
4	4	13.9	13.9
10	10	43.7	43.7
6	6	9.5	9.5
5	5	7.6	7.6
27	27	40.3	40.3
9	9	19.2	19.2
2	2	12.3	12.3
2	2	5.3	5.3
2	2	11	11
2	2	12.8	12.8
1	1	2.7	2.7
1	1	3.3	3.3
1	1	2.8	2.8
7	7	18.9	18.9
6	6	12.6	12.6
101	101	59.3	59.3
2	2	18.6	18.6
3	3	13.5	13.5
20	20	65.6	65.6
3	2	6.4	5
2	1	4.4	2.9
12	12	11.9	11.9
18	18	42.2	42.2
103	99	44.1	43.3
6	2	2.2	1.2
1	1	4.7	4.7
5	5	8.7	8.7
2	2	6.8	6.8
2	2	9	9
2	2	4.1	4.1
2	2	12.7	12.7
2	2	7.6	7.6
24	24	44.7	44.7
3	3	7.2	7.2

2	2	11.6	11.6
22	22	49.2	49.2
32	32	68.2	68.2
2	2	15.5	15.5
21	21	57.6	57.6
1	1	4.4	4.4
17	17	57.4	57.4
23	23	69.6	69.6
7	7	35.3	35.3
8	8	12.2	12.2
4	4	27.6	27.6
2	2	5.3	5.3
5	5	71.3	71.3
1	1	8.6	8.6
2	2	11.2	11.2
4	4	12	12
4	4	12.5	12.5
17	17	18.6	18.6
162	152	74.8	73.7
41	31	24.3	21.5
70	57	37	33.9
7	7	24.5	24.5
6	6	23.7	23.7
2	2	3.4	3.4
10	10	28.2	28.2
24	24	60.4	60.4
7	7	16.7	16.7
7	7	29.3	29.3
1	1	3.4	3.4
87	87	51.7	51.7
4	4	15.4	15.4
3	2	3.9	2.4
3	3	1	1
3	3	11.4	11.4
9	9	57.7	57.7
9	9	50.8	50.8
1	1	7.3	7.3
2	2	21.8	21.8
3	3	7.9	7.9
2	2	6.5	6.5
6	5	16.3	13.8

4	3	16.3	13.6
14	14	37.7	37.7
2	2	3.1	3.1
1	1	14.5	14.5
1	1	1.8	1.8
7	7	30.4	30.4
1	1	4.7	4.7
4	4	20.8	20.8
22	22	34.3	34.3
22	22	69.1	69.1
3	3	4.5	4.5
5	5	10.5	10.5
4	4	25.3	25.3
3	3	8.8	8.8
5	5	12.9	12.9
15	15	42.9	42.9
1	1	4.3	4.3
2	2	4.8	4.8
11	11	6.5	6.5
4	4	14.1	14.1
18	15	53	44.7
24	21	66.5	58.2
2	2	3.7	3.7
1	1	10.5	10.5
1	1	9.1	9.1
2	1	2.9	1.8
2	1	3.7	2.5
12	12	12.2	12.2
9	9	54.9	54.9
6	6	25.8	25.8
3	3	23.4	23.4
6	6	30.3	30.3
10	10	25.9	25.9
2	2	12.4	12.4
23	23	55	55
7	7	30	30
3	3	9	9
2	2	23.9	23.9
3	3	8.8	8.8
4	4	13.6	13.6
2	2	8.1	8.1

7	2	22.8	8.4
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9	1	27.4	4.2
16	8	54.6	31.5
8	2	30.8	8.8
9	0	28.5	0
9	5	31.5	18.7
9	8	30	27.1
13	7	50.9	29.7
15	7	60.9	31.8
11	11	50.5	50.5
7	3	28.5	14.4
3	3	56.9	56.9
1	1	39.7	39.7
2	2	8.8	8.8
1	1	6	6
2	2	2.6	2.6
2	2	11.2	11.2
2	2	18.4	18.4
6	6	20.6	20.6
21	21	60.2	60.2
3	3	11.3	11.3
3	2	8.3	5.2
12	11	35.9	32.8
24	23	66.2	63
6	5	25.3	21.9
28	28	53.8	53.8
22	22	50.9	50.9
1	1	3.5	3.5
3	3	9.3	9.3
13	13	74.6	74.6
7	7	32.3	32.3
1	1	6.5	6.5
1	1	9.1	9.1
7	7	35.5	35.5
9	9	36.9	36.9
4	4	10.5	10.5
3	3	14.3	14.3
1	1	3.5	3.5
1	1	6.9	6.9
26	2	54.6	2.3

25	1	57	1.2
6	6	21.9	21.9
3	3	7.2	7.2
1	1	5.4	5.4
8	8	48.2	48.2
22	13	81.2	45
20	13	81.2	57.8
5	4	28.6	24.6
9	2	44	12.8
3	3	16.7	16.7
11	11	63.3	63.3
13	13	64.6	64.6
4	3	23.8	20.9
8	7	53.5	50.6
6	6	41.7	41.7
3	3	6.8	6.8
19	19	38.5	38.5
13	13	25.5	25.5
4	4	24.7	24.7
5	5	30.6	30.6
1	1	3.3	3.3
6	6	27.8	27.8
2	2	14.5	14.5
6	4	20.7	14.1
5	4	19	16.3
5	3	22.5	15.1
6	4	53.9	46.9
10	8	40.7	33.6
6	4	19.1	12.1
5	1	45.6	23.5
7	7	13.2	13.2
10	10	62.4	62.4
40	40	62.9	62.9
30	30	67.6	67.6
2	2	8.8	8.8
1	1	14.5	14.5
7	7	22.8	22.8
4	4	13.9	13.9
1	1	6.1	6.1
9	7	71.8	65.5
15	9	70.7	58.5

8	2	57.1	21.8
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4	4	3.8	3.8
2	1	4.5	1.8
2	1	10.5	7.2
4	3	27.7	23.8
5	5	35.1	35.1
9	9	11.4	11.4
1	1	0.6	0.6
4	4	9.8	9.8
1	1	1.9	1.9
2	2	4.4	4.4
10	10	40.3	40.3
11	11	39.5	39.5
1	1	23.2	23.2
7	7	72.2	72.2
4	4	39.9	39.9
11	11	16	16
5	2	24.9	19.2
5	4	14.3	10.3
13	4	37.3	14.2
10	1	29.4	7.2
10	3	29.7	13.2
7	3	57.7	36.2
8	8	49.2	49.2
5	1	45.6	23.5
5	1	45.6	23.5
13	13	58.3	58.3
3	1	34.6	5.4
7	2	58.1	14
22	18	27.2	24
14	10	15.7	12.4
2	2	11.3	11.3
7	6	39.1	33.5
2	1	13.3	7.6
5	5	28.3	28.3
3	3	10.8	10.8
1	1	14.4	14.4
2	2	5.7	5.7
3	3	17.8	17.8
2	2	9.2	9.2

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16	16	57.8	57.8
15	15	45.1	45.1
7	7	24.6	24.6
5	5	18.2	18.2
8	7	23.7	20.9
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6	4	27.2	20.7
9	3	28.3	10.2
6	1	18	3.8
11	11	35.4	35.4
9	9	30.4	30.4
3	3	8.1	8.1
13	13	25.9	25.9
21	21	35.2	35.2
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9	9	15.2	15.2
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4	4	18.8	18.8
16	16	49.1	49.1
7	7	18.7	18.7
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9	9	41	41
8	8	40.9	40.9
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4	4	7.6	7.6
6	6	19.2	19.2
24	18	36.4	26.7
33	25	46.8	35.1
33	31	41.3	39.5
7	5	10.4	8.4
10	8	18.7	16.8
25	1	49.3	4.2
25	1	49.4	4.4
24	12	42.8	28
24	21	37.5	32.9

5	3	9.3	5.6
29	27	49	47.3
27	17	44.1	32.5
18	18	31.8	31.8
16	16	80.4	80.4
6	6	53.1	53.1
5	5	53.8	53.8
3	3	18.9	18.9
29	29	61.8	61.8
6	6	49	49
136	136	50.6	50.6
12	10	22.2	19.5
13	13	31.7	31.7
8	8	3.6	3.6
13	13	20.3	20.3
2	2	18.5	18.5
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12	12	20.1	20.1
6	5	15.6	14.4
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1	1	2.5	2.5
3	3	5.8	5.8
13	12	34.1	31.9
17	16	39.8	39.8
16	16	44.8	44.8
11	11	43	43
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1	1	6.3	6.3
9	9	42.7	42.7
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3	3	13.1	13.1
4	4	6.6	6.6
18	18	54.2	54.2

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23	23	37.9	37.9
6	6	18.8	18.8
3	3	4.3	4.3
7	7	51.5	51.5
3	3	8.6	8.6
3	3	5.1	5.1
1	1	1.6	1.6
2	2	2.6	2.6
15	15	20.7	20.7
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46	46	39.7	39.7
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2	2	11.8	11.8
7	7	20.8	20.8
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11	11	18.4	18.4
11	11	15.4	15.4
11	11	14.2	14.2
3	3	3	3
33	33	43.8	43.8
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17	17	20.1	20.1
28	28	41.6	41.6
8	8	15.1	15.1
8	8	16	16
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10	10	20	20
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10	10	12.2	12.2
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5	5	38.9	38.9
20	15	9.8	8.3
6	2	2.2	1
7	7	34.4	34.4
2	2	3.6	3.6

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16	16	30.7	30.7
8	8	18.7	18.7
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2	2	10.5	10.5
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8	8	13.4	13.4
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9	6	13.2	9.3
6	5	16.8	13.5
7	4	46.4	28.1
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7	7	23.8	23.8
5	5	19.6	19.6
5	2	14.6	7.3
24	24	45.7	45.7
4	4	34	34
17	2	53.5	7.7
26	4	55.1	7.3
22	3	48.3	8.3
16	3	33.3	6.9
2	2	12.6	12.6
4	4	59.3	59.3
2	2	48.3	48.3
2	2	66.1	66.1
1	1	17.3	17.3
4	4	98.9	98.9
2	2	13.1	13.1
2	2	3.4	3.4
1	1	4.8	4.8
2	2	6.6	6.6
22	22	10.7	10.7
25	25	18.9	18.9

70	70	30.4	30.4
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74	74	52.1	52.1
47	47	39.4	39.4
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3	3	6.5	6.5
3	3	23.6	23.6
1	1	22	22
2	2	10.9	10.9
9	9	28.5	28.5
1	1	0.8	0.8
6	5	25.9	22.1
12	7	28.1	19.5
20	20	43.7	43.7
22	20	75.3	69
16	15	60.2	56.6
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5	5	12.5	12.5
2	2	4.8	4.8
12	12	30.4	30.4
8	8	39.1	39.1
11	11	86.7	86.7
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2	2	7.1	7.1
2	2	4.6	4.6
3	3	4.6	4.6
14	9	55.7	40.6
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4	4	11.7	11.7
19	19	54.2	54.2
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44	44	62.4	62.4
17	16	27.9	25.9
8	7	16.1	14.1
17	17	29.7	29.7
6	6	6.1	6.1
12	12	16.6	16.6

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35	35	61.8	61.8
37	37	11.4	11.4
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18	18	19	19
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1	1	24.3	24.3
13	13	31.3	31.3
21	21	21.8	21.8
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51	51	40.6	40.6
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1	1	3.2	3.2
16	10	42.9	29.9
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14	12	6.2	5.3
20	18	13.1	12.2
2	1	17.4	11.6

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16	16	23.8	23.8
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12	9	54.5	41.6
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8	5	34.2	22.1
8	8	42.2	42.2
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1	1	4	4
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10	10	21.2	21.2
5	5	21.7	21.7
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1	1	4.7	4.7
8	8	41.5	41.5
14	14	32.2	32.2
8	8	16.2	16.2
9	9	19.9	19.9
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2	2	57.1	57.1
8	8	37.4	37.4
3	3	20.4	20.4
11	11	44	44
17	17	63.6	63.6
3	3	36.6	36.6
18	18	59.3	59.3
7	7	19.2	19.2
12	12	56.3	56.3

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1	1	3.6	3.6
3	3	20.8	20.8
8	8	50.2	50.2
5	5	30.5	30.5
24	24	55.4	55.4
2	2	6	6
10	10	49.5	49.5
2	2	23.1	23.1
4	4	40	40
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9	9	12.1	12.1
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3	3	8.2	8.2
5	5	71.3	71.3
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1	1	16	16
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7	7	24.6	24.6
10	10	10.7	10.7
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1	1	6	6
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4	4	6.1	6.1
35	24	54.9	42.6
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5	5	34.4	34.4
9	9	47	47
6	6	26.6	26.6

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7	7	44.9	44.9
3	3	15.6	15.6
9	9	14.3	14.3
5	5	6.6	6.6
1	1	4.4	4.4
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4	4	26.6	26.6
27	17	28	19.7
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5	5	9.4	9.4
13	13	25.2	25.2
4	4	13.4	13.4
10	10	10.4	10.4
1	1	19.4	19.4
1	1	6	6
2	2	5.3	5.3
85	57	45.3	34.1
160	4	61.3	0.6
157	1	62.3	0.6
15	2	6.3	1.3
85	18	46.8	11
75	50	39.9	29.4
13	13	75.5	75.5
11	4	51.2	18
11	1	78.1	17.9
11	1	78.1	17.9
13	6	80.2	47.1
38	11	40.9	12.5
2	2	1.9	1.9
1	1	2.4	2.4
46	45	47.1	46.5
12	12	15.9	15.9
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23	23	14.6	14.6
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7	7	40.1	40.1
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5	5	14.8	14.8
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2	2	10.4	10.4
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7	7	57	57
13	13	48.5	48.5
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1	1	6.5	6.5

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6	6	50.8	50.8
24	24	45.9	45.9
10	10	24.8	24.8
12	12	42.6	42.6
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4	4	41.5	41.5
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3	3	17.9	17.9
12	12	39.7	39.7
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5	4	29.3	25.6
14	11	19.5	16.2
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11	9	15.1	13.7
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28	27	33.3	32.5
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9	4	66.4	35.5

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6	6	31	31
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8	8	16.6	16.6
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1	1	9.1	9.1
3	3	12.3	12.3
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50	50	52.9	52.9

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12	12	20	20
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3	3	8	8
3	3	4.9	4.9
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2	2	3.1	3.1
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1	1	8.1	8.1
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7	7	28	28
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24	24	49.3	49.3
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10	10	20.3	20.3
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2	2	4.1	4.1
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13	13	84.1	84.1
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13	13	42.7	42.7
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9	9	20.6	20.6
20	20	25.1	25.1
9	8	42.7	42.7
5	4	22.4	22.4
12	12	19.3	19.3

11	11	27.9	27.9
12	11	30.5	29.2
8	8	61.2	61.2
5	5	17.9	17.9
4	4	11.5	11.5
2	2	5.1	5.1
2	2	6.5	6.5
3	3	23.1	23.1
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6	6	8.7	8.7
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21	21	83.5	83.5
19	19	80.4	80.4
10	10	45.5	45.5
15	15	32.7	32.7
22	22	71.1	71.1
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3	2	4.1	3.2
4	3	4.6	3.7
1	1	8.7	8.7
2	2	4.9	4.9
6	6	38.8	38.8
3	3	36.9	36.9
11	11	89.3	89.3
3	3	11.3	11.3
5	5	29.5	29.5
1	1	2	2

1	1	14.5	14.5
1	1	2.2	2.2
3	3	28.6	28.6
2	2	16.9	16.9
3	3	33.1	33.1
2	2	26.8	26.8
13	9	27.2	21
12	9	22.8	19.1
15	13	25.8	22.2
15	7	95.7	59.3
14	11	71.3	63.4
16	16	53.2	53.2
21	21	65.9	65.9
11	11	83.7	83.7
13	13	42	42
1	1	2.9	2.9
3	3	7.7	7.7
27	27	63.5	63.5
4	4	18.1	18.1
7	6	41	36.4
2	1	10.6	6.5
11	11	64	64
8	8	32.8	32.8
2	2	4.7	4.7
1	1	4.5	4.5
10	10	51.9	51.9
3	3	2.5	2.5
14	14	31.3	31.3
2	2	7.9	7.9
2	2	4.4	4.4
1	1	9.1	9.1
1	1	2.2	2.2
1	1	4.1	4.1
6	4	25.1	18.8
3	1	14.8	8.5
5	5	9.2	9.2
35	4	75	9.4
34	3	73.8	8.3
2	2	2.1	2.1
1	1	13	13
5	5	10.4	10.4

2	2	3.3	3.3
5	5	7	7
20	20	42.3	42.3
70	68	20.1	18.9
14	14	29.1	29.1
20	20	54.9	54.9
6	6	29.5	29.5
22	22	48.3	48.3
2	2	3.6	3.6
2	2	17.8	17.8
35	29	72.1	61.3
1	1	4.4	4.4
1	1	2.3	2.3
5	5	4.1	4.1
1	1	1.5	1.5
3	3	10.9	10.9
1	1	1.5	1.5
7	7	31.8	31.8
10	10	23.6	23.6
2	2	6.8	6.8
2	2	6.9	6.9
1	1	8	8
4	4	16.1	16.1
1	1	4.8	4.8
7	7	39.3	39.3
12	12	27.6	27.6
55	2	66.2	2.6
55	2	67.4	1.7
5	5	26	26
6	6	28.5	28.5
13	13	74.4	74.4
9	9	43.5	43.5
3	3	16.5	16.5
7	7	19.7	19.7
2	2	1.1	1.1
2	2	5.1	5.1
4	4	11.9	11.9
15	3	42.7	11.5
21	8	73.1	40.7
14	1	39.6	4.3
17	17	20.1	20.1

2	2	2.4	2.4
3	3	7.3	7.3
5	5	36.7	36.7
8	8	28.3	28.3
7	7	32.7	32.7
22	16	45.5	34.8
4	4	11.9	11.9
8	8	50.8	50.8
3	3	7.8	7.8
4	3	16.4	12.6
1	1	4.3	4.3
1	1	2.8	2.8
4	4	22.2	22.2
3	3	16.9	16.9
16	15	62.3	62.3
11	11	78.3	78.3
5	5	38.1	38.1
8	7	38.7	38.7
13	13	74.7	74.7
14	14	62.9	62.9
19	19	48.1	48.1
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6	5	17.7	14.7
2	2	7.6	7.6
1	1	5.8	5.8
5	5	22	22
7	4	20.4	10.2
8	5	27.9	18
2	2	5.7	5.7
5	5	8.5	8.5
11	11	43.1	43.1
3	3	5.8	5.8
12	12	20	20
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1	1	1.7	1.7
1	1	7	7
4	4	28.1	28.1
3	3	13.1	13.1
10	10	6	6
17	12	33.4	26.9
4	4	14.5	14.5

5	5	19.9	19.9
2	2	7.7	7.7
12	12	27.8	27.8
3	2	10.9	8.5
10	10	47.1	47.1
8	8	43.6	43.6
3	3	12.9	12.9
6	6	39.1	39.1
6	6	41.1	41.1
6	6	30.1	30.1
6	6	35.5	35.5
6	6	36.7	36.7
7	7	53.7	53.7
5	5	35.6	35.6
4	4	27.3	27.3
5	5	22.7	22.7
3	3	25.6	25.6
3	3	21.3	21.3
5	5	13.6	13.6
7	7	21.2	21.2
9	9	26.7	26.7
13	13	45	45
8	8	33	33
12	12	41.9	41.9
12	12	23.3	23.3
15	15	39.8	39.8
5	5	14	14
7	7	29.8	29.8
4	4	24.8	24.8
16	16	28.5	28.5
4	4	11.1	11.1
4	4	12	12
8	8	23.2	23.2
2	2	6.2	6.2
9	9	41.1	41.1
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3	3	17.1	17.1
10	10	45.8	45.8
8	8	40.2	40.2
1	1	3.5	3.5
13	13	52.4	52.4

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1	1	2.3	2.3
1	1	9.6	9.6
7	7	25	25
4	4	30.6	30.6
2	2	2.6	2.6
25	25	59.1	59.1
2	2	7	7
5	5	22.5	22.5
3	3	7.6	7.6
1	1	10.9	10.9
3	3	26.3	26.3
9	9	23.1	23.1
1	1	1.9	1.9
2	2	2	2
2	2	1.8	1.8
16	16	40.6	40.6
2	2	19.9	19.9
1	1	6.2	6.2
3	3	12.1	12.1
5	5	5.2	5.2
6	6	18.9	18.9
34	24	45.7	32.3
15	9	24.6	16.6
40	30	53.7	39.8
14	14	25.9	25.9
7	7	39.8	39.8
3	3	50.4	50.4
2	2	10.7	10.7
4	3	19.5	14
7	7	37.6	37.6
1	1	3.7	3.7
7	7	47.9	47.9
4	4	22.8	22.8
7	6	38	32.7
5	4	26.9	21.4
5	5	22.1	22.1
1	1	5	5
6	6	37.3	37.3
2	2	6.2	6.2
1	1	9	9

5	3	31.6	21.9
5	3	31.6	21.9
5	3	31.5	21.8
4	4	20.2	20.2
9	9	56.5	56.5
2	1	12.1	6.8
2	1	12.1	6.8
10	4	56.2	21.4
4	4	17.5	17.5
2	2	10.7	10.7
1	1	4.1	4.1
7	7	34.7	34.7
2	2	21.7	21.7
3	3	1.6	1.6
1	1	1.7	1.7
8	2	58.2	15.2
10	4	72.8	29.9
1	1	6.6	6.6
2	2	17.9	17.9
13	13	24.1	24.1
1	1	2.1	2.1
6	2	15.8	10.1
6	2	15.8	10.1
9	9	67.7	67.7
2	2	3.9	3.9
1	1	1.5	1.5
2	2	4.8	4.8
2	2	32.7	32.7
6	6	14.7	14.7
3	3	7.7	7.7
11	11	80	80
2	2	10	10
6	4	33.5	28.4
3	1	11.7	6.8
1	1	1.9	1.9
1	1	7.5	7.5
4	4	22	22
4	4	15.8	15.8
3	3	9.6	9.6
17	6	25.7	13.6
2	2	16.2	16.2

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10	2	65.8	18.7
4	2	20.9	7.7
10	2	55.4	12.4
2	1	12.2	6.8
5	5	7.4	7.4
2	2	8.4	8.4
3	3	5.9	5.9
2	2	8.3	8.3
3	3	16.9	16.9
19	19	71.9	71.9
8	8	20.6	20.6
16	12	15.2	12
9	5	8.4	5.3
1	1	8.5	8.5
1	1	8.3	8.3
7	7	42.5	42.5
8	8	33.2	33.2
2	2	12.9	12.9
4	4	35.8	35.8
6	6	28.4	28.4
3	3	8.4	8.4
5	5	25.8	25.8
7	7	34.3	34.3
5	5	28.3	28.3
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5	5	15.3	15.3
4	4	21.4	21.4
5	5	33.1	33.1
3	3	39.1	39.1
3	3	27.1	27.1
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5	5	29.9	29.9
3	3	18.6	18.6
3	3	20.6	20.6
4	4	27.7	27.7
2	2	12.4	12.4
2	2	11.9	11.9
8	8	23.1	23.1
2	2	24.3	24.3

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3	3	20.5	20.5
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2	2	11.4	11.4
3	3	41.3	41.3
3	3	51.4	51.4
1	1	19.6	19.6
19	19	42.7	42.7
8	8	32.3	32.3
8	8	30.4	30.4
13	13	40.4	40.4
14	14	46.2	46.2
6	6	35.4	35.4
4	4	36.5	36.5
12	12	53.9	53.9
4	4	79.8	79.8
5	5	76.5	76.5
19	19	42.3	42.3
11	11	28.7	28.7
6	6	42.4	42.4
5	5	24.1	24.1
7	7	59.1	59.1
10	10	45	45
5	5	63.6	63.6
4	4	55.9	55.9
7	7	49.2	49.2
2	2	15.8	15.8
4	4	40	40
5	5	27.6	27.6
7	7	37.2	37.2
8	8	33.4	33.4
3	3	25.2	25.2
2	2	28.9	28.9
4	4	21.7	21.7
4	4	30	30
4	4	18.4	18.4
4	4	37.4	37.4
5	5	42.3	42.3
2	2	25	25

1	1	17.4	17.4
1	1	19.6	19.6
10	10	50.6	50.6
8	8	32.2	32.2
10	10	38.4	38.4
8	8	42.6	42.6
2	2	10.8	10.8
1	1	2.2	2.2
7	7	45.4	45.4
9	9	41.3	41.3
9	9	32.5	32.5
12	12	57.6	57.6
1	1	6.2	6.2
1	1	3.6	3.6
11	8	51.4	44
12	12	11.4	11.4
14	14	62.8	62.8
2	2	6.6	6.6
6	6	16.8	16.8
2	2	2.3	2.3
2	2	13.2	13.2
2	2	11	11
7	1	12	2.1
7	1	36.2	3.7
6	6	31.6	31.6
1	1	2.9	2.9
4	4	12.1	12.1
1	1	0.4	0.4
1	1	16	16
4	4	72.2	72.2
4	4	64.3	64.3
3	3	46.9	46.9
2	2	34.7	34.7
5	5	42.6	42.6
1	1	18.3	18.3
3	3	33.7	33.7
1	1	3.7	3.7
7	7	11.6	11.6
5	5	22.3	22.3
2	2	2.1	2.1
9	9	20.7	20.7

6	6	15.6	15.6
6	5	35.9	30.3
4	3	21.2	15.7
10	10	28.5	28.5
1	1	6.8	6.8
2	2	13.9	13.9
3	3	10.9	10.9
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7	7	22.1	22.1
1	1	22.2	22.2
5	5	40.6	40.6
2	2	5.8	5.8
2	2	7	7
2	2	12.7	12.7
6	6	11.3	11.3
17	17	44.9	44.9
8	8	31.6	31.6
3	3	17.2	17.2
2	2	20.8	20.8
8	8	16.7	16.7
2	2	6.7	6.7
3	3	18.6	18.6
3	3	18.6	18.6
17	15	30.1	28.8
3	1	4.8	1.7
3	3	6.1	6.1
21	21	27.2	27.2
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4	4	18.1	18.1
23	23	59.3	59.3
2	2	20	20
1	1	4.2	4.2
1	1	10.8	10.8
2	2	9.2	9.2
1	1	5.8	5.8
5	2	14.4	7.5
13	13	53.2	53.2
6	6	29.8	29.8
6	3	17.3	10.5
6	5	19	17
6	4	25.6	20

12	12	28	28
3	3	20	20
15	1	43.1	5.3
14	5	48.4	19.4
15	1	43.2	5.3
15	5	44.8	16.9
12	6	32.7	18.2
13	8	34.2	19.9
6	1	19.4	5
7	5	17	13.4
1	1	3	3
4	4	11.9	11.9
16	16	55.3	55.3
18	13	42.6	34.6
8	8	21.8	21.8
16	16	49.1	49.1
6	6	24.2	24.2
1	1	1.6	1.6
6	6	23.2	23.2
17	17	56.1	56.1
3	3	19.5	19.5
1	1	4.9	4.9
4	4	13.5	13.5
3	3	4.6	4.6
1	1	3.6	3.6
6	6	7.2	7.2
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3	1	10.5	3.2
11	11	25.6	25.6
7	7	34.1	34.1
7	6	38.2	32.3
13	12	60.7	54.8
5	5	17.1	17.1
6	6	26.2	26.2
5	5	18	18
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1	1	3	3
2	2	7.6	7.6
6	6	71.1	71.1

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3	3	9.2	9.2
3	3	11.5	11.5
3	3	11.3	11.3
2	2	2.2	2.2
5	5	18.6	18.6
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2	2	12.3	12.3
2	2	2.7	2.7
3	3	25.8	25.8
2	2	1.6	1.6
2	2	6	6
7	7	33.1	33.1
2	2	11.1	11.1
8	8	34.4	34.4
12	10	26.6	24.1
8	8	43.5	43.5
6	6	21.3	21.3
11	11	34.5	34.5
20	10	58.4	25.5
2	2	12.3	12.3
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2	2	2.9	2.9
1	1	2.8	2.8
2	2	3.7	3.7
3	3	9.3	9.3
6	6	11.8	11.8
22	22	32.9	32.9
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12	12	38.7	38.7
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4	4	3.9	3.9
5	5	7	7
4	4	3.5	3.5
1	1	1	1
1	1	15.9	15.9
7	7	21	21
1	1	2	2

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1	1	2.2	2.2
29	29	39.8	39.8
3	3	8.1	8.1
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3	2	17.8	14.2
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1	1	9.2	9.2
6	5	18.9	17.5
12	11	33.3	32
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4	3	21	16.7
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6	6	16.6	16.6
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8	8	21	21
4	4	31.8	31.8
9	9	67.6	67.6
10	10	57.4	57.4
13	13	22	22
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6	6	10.8	10.8
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5	5	26.5	26.5
3	3	2.3	2.3
7	7	40.7	40.7
2	2	3.7	3.7
1	1	8.4	8.4

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6	6	32.6	32.6
37	37	23	23
88	88	44.9	44.9
39	36	24	22.7
77	74	46.6	45.4
10	10	23.3	23.3
7	7	44.3	44.3
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2	2	24.2	24.2
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3	3	26.1	26.1
7	7	24.6	24.6
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1	1	4.2	4.2
2	2	8	8
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6	6	16.6	16.6
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18	18	33.7	33.7
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3	3	8	8
1	1	1	1
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1	1	5.4	5.4
5	5	14.6	14.6
7	7	17.5	17.5
16	16	41.9	41.9
11	11	34.7	34.7
7	7	21.6	21.6
4	4	17	17
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5	5	9.8	9.8
11	11	23.2	23.2
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3	3	16.4	16.4
10	10	20	20
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9	9	18.7	18.7
14	14	2.8	2.8
4	4	0.8	0.8
2	2	2.2	2.2
14	14	23.1	23.1
27	27	41.8	41.8
28	28	90.5	90.5
22	20	91	79.9
3	1	18.1	7
10	10	26.7	26.7
4	4	15.6	15.6
10	10	38.2	38.2
7	7	12.9	12.9
2	2	1.9	1.9
1	1	1.3	1.3
2	2	7.3	7.3
3	3	28.6	28.6
2	2	28	28
1	1	3.3	3.3
16	16	41.7	41.7
13	13	43.5	43.5
33	32	54.4	53.2
21	21	76.1	76.1
27	27	55.5	55.5

33	33	60.3	60.3
3	3	9.4	9.4
13	13	14.3	14.3
16	16	18	18
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4	4	31.5	31.5
2	2	26.3	26.3
3	3	6	6
1	1	2.8	2.8
4	4	26.1	26.1
19	19	65	65
4	4	4	4
36	36	69.2	69.2
125	115	67.1	63.1
16	6	8.8	4.6
2	2	12.2	12.2
5	5	22.4	22.4
3	3	20.4	20.4
3	2	14.5	7.2
2	2	24.6	24.6
1	1	15	15
1	1	24.8	24.8
11	11	42.2	42.2
4	3	13.6	11.4
9	8	34.4	32.1
9	4	33.9	14.5
8	3	18.3	7.6
2	1	47.7	31.8
7	6	77.3	77.3
3	3	5.2	5.2
2	2	9	9
2	2	9.2	9.2
1	1	3.9	3.9
13	13	12.1	12.1
1	1	11.6	11.6
9	5	15.6	9.2
5	1	9.6	3.2
6	6	10.2	10.2
19	17	19.9	18.4
4	4	10.8	10.8
4	4	13.4	13.4

2	2	22.5	22.5
3	3	15.5	15.5
1	1	23.3	23.3
4	4	8.8	8.8
2	2	1.6	1.6
7	7	6.1	6.1
3	3	10.2	10.2
1	1	2.4	2.4
2	2	8.6	8.6
2	2	7.5	7.5
3	3	21.1	21.1
4	4	29.1	29.1
19	19	71.2	71.2
23	2	53.5	9.9
14	6	40.7	24.2
9	9	39.5	39.5
4	4	15.3	15.3
1	1	7.3	7.3
11	11	52.8	52.8
2	2	1.2	1.2
1	1	6.8	6.8
1	1	6.3	6.3
5	5	48.3	48.3
2	2	3.8	3.8
1	1	8.6	8.6
2	2	15	15
1	1	12	12
1	1	1.9	1.9
8	8	16.4	16.4
7	7	15.8	15.8
1	1	1	1
5	5	15.2	15.2
6	6	22.1	22.1
1	1	9.6	9.6
4	4	9.9	9.9
3	3	19.7	19.7
5	5	23.4	23.4
1	1	10.5	10.5
1	1	4.6	4.6
3	3	38.5	38.5
4	4	16.2	16.2

1	1	0.6	0.6
5	5	14.2	14.2
2	2	4.1	4.1
27	27	1	1
4	4	47.6	47.6
26	1	76.9	3.1
26	0	76.9	0
26	1	77.3	5.3
21	3	57.6	10
25	5	66.3	18.9
21	5	57.3	24.7
25	3	69.8	11.5
28	1	73.3	2.7
26	5	69.1	16.2
17	3	44.3	15.2
10	10	30.3	30.3
3	1	7.7	3.7
4	2	14.4	10.4
6	6	55.2	55.2
1	1	12.7	12.7
4	4	44.7	44.7
7	7	26.4	26.4
3	3	13.5	13.5
5	5	17.4	17.4
3	3	18.4	18.4
2	2	7.2	7.2
6	6	16.8	16.8
30	30	47.7	47.7
2	2	4.2	4.2
1	1	3.8	3.8
3	3	14.9	14.9
2	2	1.8	1.8
4	4	42.9	42.9
2	2	13.9	13.9
3	3	24.5	24.5
4	4	41.6	41.6
5	5	48	48
4	4	18.6	18.6
2	2	2.5	2.5
1	1	1.4	1.4
1	1	1.5	1.5

1	1	12.3	12.3
4	2	9.7	5.2
3	1	6.3	2.4
5	5	1.6	1.6
1	1	5.4	5.4
1	1	6.9	6.9
10	10	71.7	71.7
2	2	13	13
18	18	80.8	80.8
3	3	28.7	28.7
3	3	11.7	11.7
2	2	58.8	58.8
9	9	26.8	26.8
18	18	21.3	21.3
9	9	21.5	21.5
2	2	5.1	5.1
1	1	4.6	4.6
22	22	32.2	32.2
7	7	7.5	7.5
2	2	37.5	37.5
1	1	21.4	21.4
5	5	45	45
22	22	55.6	55.6
19	19	60.9	60.9
8	8	46	46
1	1	20.2	20.2
6	6	68.3	68.3
2	2	9.5	9.5
1	1	17.2	17.2
8	8	12.2	12.2
4	4	11.2	11.2
1	1	1.6	1.6
1	1	1.3	1.3
5	5	11.2	11.2
15	15	32.8	32.8
3	3	3.5	3.5
9	9	5.9	5.9
1	1	1.4	1.4
6	6	39	39
3	3	17.3	17.3
8	8	13.1	13.1

2	2	6.7	6.7
10	10	27.5	27.5
15	15	44.8	44.8
1	1	3.1	3.1
2	2	22.4	22.4
9	9	20.9	20.9
74	74	72.5	72.5
33	33	53.3	53.3
14	14	58.7	58.7
9	9	39.3	39.3
5	5	15.5	15.5
65	56	88.8	78.3
1	1	8.1	8.1
2	2	11.9	11.9
5	5	29.1	29.1
1	1	3.9	3.9
3	3	19	19
5	5	31.9	31.9
20	20	29.3	29.3
1	1	3	3
2	2	4.9	4.9
2	2	4.7	4.7
3	2	10.3	7.6
4	3	12.4	9.7
1	1	4.5	4.5
6	6	15.3	15.3
7	7	35.7	35.7
14	14	25.2	25.2
1	1	4.6	4.6
6	6	4.4	4.4
25	25	13.8	13.8
5	5	16.6	16.6
3	3	13	13
28	28	70.6	70.6
1	1	1.1	1.1
1	1	6.6	6.6
1	1	0.8	0.8
8	8	31.1	31.1
7	7	7.9	7.9
10	10	13.7	13.7
3	3	10.3	10.3

12	12	16.2	16.2
1	1	2	2
6	6	15.7	15.7
2	2	9.6	9.6
2	2	5.5	5.5
2	2	11.1	11.1
12	7	47.5	36.5
15	13	55.7	52.5
12	8	50.2	39.3
12	9	41.9	37.8
10	6	36.6	29.2
20	16	60	53.1
3	3	18.3	18.3
1	1	1.3	1.3
1	1	5.3	5.3
1	1	3.3	3.3
2	2	8.6	8.6
1	1	2.1	2.1
27	27	59	59

Mol. weight [kDa]	Q-value	Score	Intensity	MS/MS count	Majority protein IDs
165.85	0	323.31	17552000000	390	Q61838
106.91	0	70.115	718330000	39	Q8BGQ7
44.97	0.0087816	1.3885	45457000	4	Q3THG9
50.236	0	91.958	694380000	44	P61922-2
176.16	0	8.4982	71840000	10	Q8K440-2
170.09	0	8.2935	203340000	19	P70170-3
75.474	0	9.26	282890000	13	P55096
67.314	0	35.318	372140000	16	P61222
94.944	0.00043103	3.21	80464000	15	Q6P542
33.56	0	5.5601	347770000	4	Q8K4F5
45.269	0	13.383	475580000	33	Q99LR1
22.45	0	49.508	1269500000	39	Q8VCR7
63.085	0	7.715	606330000	34	Q9Z1Q2
39.154	0	16.661	308130000	15	Q9DBL9
42.547	0	5.8146	144890000	4	Q8CBW3-5
62.003	0.00043879	3.4168	68982000	8	Q8K4G5-3
9.0303	0	25.861	1093700000	46	Q4KML4
43.953	0	72.968	1584300000	71	Q921H8
41.829	0	323.31	25554000000	425	Q8BWT1
265.25	0	246.18	2548600000	84	Q5SWU9
118.98	0	7.3858	120750000	3	Q8K370
68.721	0.00041876	2.8853	190880000	7	Q8JZN5
47.907	0	322.03	13453000000	274	P51174
46.481	0	202.09	14705000000	181	P45952
44.889	0	73.325	5049600000	122	Q07417
47.874	0	120.27	1369300000	59	Q9DBL1
70.875	0	323.31	11258000000	279	P50544
221.94	0	200.94	7890300000	173	Q61282
44.816	0	321.69	16308000000	252	Q8QZT1
41.297	0	61.287	1131100000	68	Q8CAY6
150.92	0	226.36	10114000000	380	P09470
65.356	0	6.0731	158370000	4	Q9JIX8-3
119.73	0	317.91	10992000000	277	Q91V92
98.124	0	97.255	3101800000	123	P28271
85.462	0	323.31	41315000000	764	Q99KI0
67.354	0	31.722	347130000	10	Q8VHQ9
15.183	0	30.075	660590000	34	Q9CQR4
49.656	0	78.74	1339300000	64	Q9QYR9

37.555	0.00043197	3.2323	155120000	7	Q91V12-2
50.56	0	55.087	2696200000	105	Q9R0X4
17.941	0	21.217	915020000	36	Q9D358-2
67.95	0	13.979	138030000	11	Q8VCW8
65.076	0	5.0836	31704000	2	Q3URE1
77.951	0	238.92	10622000000	289	P41216
76.205	0	23.891	211680000	8	Q8JZR0
42.009	0	14.074	1.2754E+11	184	P62737
41.736	0	77.927	7413900000	84	P60710
42.019	0	323.31	1.3397E+12	4093	P68033
41.792	0	323.31	3.6943E+11	1501	P63260
47.447	0	5.8253	143820000	3	Q9Z2N8
103.07	0	323.31	1.5276E+11	1489	Q7TPR4
104.98	0	323.31	19968000000	447	P57780
46.207	0	147.06	411790000	25	Q9QZB7
42.613	0	48.096	930670000	39	P61164
42.281	0	66.664	3863900000	122	Q8R5C5
44.76	0	269.62	8659700000	173	P61161
47.357	0	145	17154000000	195	Q99JY9
11.241	0	5.8262	455300000	15	P56376
83.967	0.0087848	1.3913	43386000	2	O35598
113.22	0	4.3236	103560000	8	Q80T21
71.742	0	21.354	819370000	45	Q60936
139.12	0	33.404	962190000	50	P84309
122.71	0.0077548	1.4666	64142000	1	P51829
69.886	0	106.43	1529800000	61	Q9QYC0-2
75.406	0	15.15	237560000	18	Q9QYB5-2
39.771	0	14.28	816650000	46	P00329
39.547	0	132.09	2964300000	129	P28474
39.904	0	7.1263	181970000	11	Q64437
26.809	0	7.966	577600000	19	Q60994
40.148	0	66.045	1525900000	39	P55264
53.774	0.00042535	3.0721	77677000	9	Q8VDL4-3
79.656	0	5.1777	76555000	6	Q3UYH7
42.06	0	3.5472	34911000	5	Q9JKV1
54.866	0	76.724	1327600000	81	P54822
50.254	0	6.0511	107060000	2	P28650
128.36	0	245.88	9597600000	282	Q640N1
89.518	0	5.4691	192010000	17	Q8JZQ2
49.275	0.0035322	2.0645	13872000	2	O89020-2
27.072	0	8.2727	170700000	18	Q3UPL5

37.022	0.0035447	2.0961	63154000	2	Q64191
18.899	0	21.892	275150000	7	Q9ESW4-2
97.303	0	11.514	329720000	11	Q8CJG0
31.01	0	7.8844	193610000	4	Q8K3K7
198.33	0	47.847	1138300000	72	A2ASQ1-3
47.688	0	55.106	2295500000	64	P50247
58.951	0	8.1928	353570000	16	Q80SW1
38.117	0	7.2044	327480000	6	Q8BK64
37.325	0	158.85	15976000000	102	P29699
66.765	0	22.351	570350000	14	Q9Z0X1
40.634	0	5.6663	129530000	1	Q8BUE4
33.997	0	28.86	872330000	37	P31230
35.377	0	15.902	412840000	36	Q8R010
37.605	0	12.032	236490000	8	O08915
21.539	0	138.84	5216900000	120	Q9R0Y5
25.605	0	104	3388400000	92	Q9WTP6-2
25.426	0	61.923	4048300000	138	Q9WTP7
169.74	0	46.389	1217100000	39	Q9WTQ5-2
36.586	0	132.49	3677900000	112	Q9JII6
35.732	0	54.028	6631900000	141	P45376
35.988	0	5.2726	325260000	16	P21300
36.12	0	11.416	902890000	22	P45377
40.612	0	18.706	663090000	26	Q8CG76
27.483	0.0067265	1.5497	124670000	10	Q9D1F4
36.023	0	18.85	266750000	10	P10518
68.692	0	323.31	3.5689E+11	2241	P07724
65.091	0	15.397	518510000	27	Q61490
84.755	0.0016168	2.477	30289000	12	Q571I9
87.052	0.00042992	3.1812	66509000	7	Q9Z110-2
54.467	0	28.214	245350000	14	P24549
101.59	0	11.011	125130000	10	Q8K009
56.537	0	323.31	40297000000	551	P47738
53.97	0	24.167	1541400000	73	P47740
61.84	0	79.723	703840000	55	Q8CHT0
55.968	0.00041374	2.7667	88961000	5	Q8BWF0
57.915	0	180.08	6345000000	152	Q9EQ20
55.644	0	103.66	2918100000	83	Q9DBF1-2
53.514	0	63.243	1496000000	77	Q9JLJ2
39.355	0	295.16	21083000000	421	P05064
47.404	0	5.0584	50903000	4	Q9DBE8
18.136	0.0063838	1.5803	31480000	3	P30355

17.682	0	4.5879	419140000	16	O08583-2
215.99	0	6.3528	110680000	2	P53995
192.03	0	178.05	3561500000	129	Q02357-5
426.26	0	7.6955	238370000	20	Q8C8R3
128.65	0	33.897	141760000	9	Q810B6
69.262	0	9.7832	361280000	23	Q8BH79-2
106.25	0	17.007	679780000	29	Q6P9J9
28.537	0	80.802	800730000	39	O35381
31.078	0	9.4119	752680000	23	Q9EST5
28.245	0	11.978	820600000	19	P97822-2
109.65	0	323.31	8430300000	343	P97449
38.734	0	177.47	19782000000	337	P10107
54.079	0	126.84	6669000000	139	P97384
38.676	0	323.31	87976000000	548	P07356
36.384	0	165.99	11342000000	194	O35639
35.915	0	242.93	4763700000	127	P97429
35.752	0	262.33	51234000000	554	P48036
75.884	0	323.31	73210000000	992	P14824
49.925	0	57.734	5135400000	87	Q07076
84.533	0	323.31	79048000000	857	O70423
146.68	0	5.0626	205490000	4	O54754
103.93	0	21.135	671040000	36	O35643
91.349	0	8.0562	198290000	14	P22892
105.48	0	102.29	3431600000	108	P17426-2
104.02	0	178.7	5882200000	220	P17427
104.58	0	202.67	6565600000	275	Q9DBG3
49.654	0	43.826	2394900000	67	P84091
17.018	0.00043122	3.2121	551820000	18	P62743
122.74	0	15.687	401640000	24	Q9Z1T1
135.08	0	5.0933	161930000	4	O54774
79.964	0	10.173	183470000	2	Q8R146-2
35.49	0	13.165	295140000	25	P28352
56.784	0	37.592	551020000	24	O35841
46.434	0	17.658	461590000	11	Q9D7N9
30.615	0	128.01	8805600000	210	Q00623
30.972	0	59.131	3553400000	72	Q8K4Z3
11.309	0	32.094	740480000	27	P09813
45.029	0	65.078	3369600000	75	P06728
9.6963	0.0081121	1.439	435490000	2	P34928
10.741	0	29.216	228390000	3	Q05020
35.866	0	15.403	796730000	37	P08226

38.618	0	39.032	3683600000	127	Q01339
18.798	0	18.082	160450000	6	Q9DCZ4-2
29.26	0	30.903	591380000	27	Q78IK4
82.967	0	21.336	753160000	45	P12023-3
79.327	0	25.957	549870000	33	Q8K3H0
19.724	0	15.864	919320000	60	P08030
28.793	0	80.105	2279300000	33	Q02013
57.229	0	30.12	922780000	36	Q5XJY5
20.697	0	104.8	4860500000	132	P84078
20.746	0.00042409	3.0274	104670000	15	Q8BSL7
20.396	0	67.909	2463500000	51	P61750
20.529	0	7.779	187750000	15	P84084
20.082	0	4.5485	121240000	3	P62331
202.24	0	8.3954	52942000	3	A2A5R2
50.41	0	78.682	2348700000	97	Q5FWK3
79.818	0	12.812	168870000	12	Q3UIA2-4
229.72	0.0057143	1.6988	4568700000	1	Q811P8
23.407	0	94.112	8915400000	137	Q99PT1
22.851	0	15.422	290520000	14	Q61599
108.53	0	9.5104	370720000	24	Q60875-5
79.695	0	7.4201	218250000	9	Q9ES28-8
20.411	0	49.835	391790000	19	P61211
20.486	0	13.894	871350000	32	Q9WUL7
23.437	0.00041459	2.7848	148050000	14	Q9JKW0
21.557	0	80.777	1668800000	102	Q8R5J9
21.539	0	33.235	800430000	40	Q9CQW2
31.246	0.00043802	3.4071	290410000	4	Q9D7A8
41.063	0	91.169	8116500000	128	Q9WV32
34.357	0	107.78	4653200000	177	Q9CVB6
20.524	0	33.243	5356800000	142	Q9JM76
19.667	0	125.63	8106100000	135	P59999
16.288	0	7.0956	1052300000	17	Q9CPW4
16.98	0	13.594	685420000	17	Q9D898
44.669	0	39.578	956110000	64	Q9WV54
51.739	0	37.096	342540000	21	Q91YI0
38.822	0	7.3528	359240000	7	O54984
83.041	0	74.028	1623500000	67	Q8BSY0
42.572	0	308.94	65270000000	694	Q99MQ4
33.95	0.00041442	2.7843	72788000	13	Q8C0M9
57.428	0	4.7269	119490000	16	Q925I1-2
32.402	0	4.8567	156640000	3	Q99J83

77.519	0	10.343	135880000	14	Q9D906
64.217	0	157.84	4762600000	195	Q9CWJ9
66.223	0.00042882	3.1637	199640000	14	Q6PA06
60.574	0	212.36	6599200000	214	Q91YH5
7.3384	0	42.984	1783800000	64	O08997
112.98	0	100.17	4232600000	175	Q8VDN2
112.22	0	18.847	1038800000	51	Q6PIE5
35.194	0	11.246	505120000	20	P14094
31.775	0	14.342	1219700000	29	P97370
109.75	0	192.37	4855800000	188	O55143-2
112.3	0	19.965	319540000	17	Q64518-3
134.75	0.00041528	2.7916	60779000	9	G5E829
122.29	0	54.812	1880100000	94	Q6Q477-2
59.752	0	323.31	43839000000	520	Q03265
56.3	0	323.31	82640000000	832	P56480
32.886	0	92.378	3902200000	100	Q91VR2
28.948	0	28.853	5653400000	81	Q9CQQ7
18.749	0	91.949	4442900000	127	Q9DCX2
8.2355	0	8.5163	902860000	34	Q06185
12.496	0.00041511	2.7853	237230000	7	P97450
10.344	0	16.801	2469500000	39	P56135
11.424	0	18.964	2098000000	74	Q9CPQ8
23.363	0	137.93	14384000000	214	Q9DB20
95.622	0.0020088	2.3841	39729000	6	Q9Z1G4-3
40.301	0	6.4183	336640000	11	P51863
68.325	0	94.554	1232900000	49	P50516
56.55	0	3.9674	65807000	7	P62814
26.157	0	28.674	332600000	11	P50518
53.706	0	5.0238	120840000	11	P28658
33.395	0	4.1173	173830000	6	Q9JLZ3
98.19	0	6.4731	221160000	10	Q00993
13.779	0	11.851	690850000	13	P01887
41.909	0.0042373	1.8319	78502000	12	Q9Z2Y2
61.859	0	18.068	843580000	38	Q9JLV1
50.942	0	4.3363	74518000	9	Q8CI32
121.04	0	21.853	385230000	38	Q9Z1R2
10.102	0	30.407	6015400000	84	O54962
21.394	0	6.0397	193390000	4	Q07813
67.669	0	169.69	9655800000	214	Q9R069
94.391	0	6.7535	24007000	1	Q61140-2
101.02	0.00081633	2.5794	72911000	11	Q8CCN5

44.127	0	71.429	1984300000	51	O35855
50.37	0	28.293	366370000	25	P50136
35.504	0	7.3681	432230000	14	Q6P3A8-2
46.587	0	6.2511	132130000	7	O55028
41.639	0	323.31	1.2076E+11	1030	P28653
52.511	0	28.471	902030000	26	Q8R016
33.524	0	34.597	764750000	17	Q9CY64
22.197	0	47.566	1099800000	70	Q923D2
29.978	0.0042275	1.7903	25303000	6	P15327
32.851	0	13.836	911070000	36	Q8R164
33.196	0	18.027	664170000	29	Q9Z0S1
28.09	0.0016201	2.506	27761000	3	Q8K3W0-4
11.832	0	89.453	118560000	1	Q8K2Q7-2
17.699	0	6.1045	51822000	1	Q64152-2
76.437	0	4.0872	41405000	8	P35991
169.9	0.00041649	2.823	1274600000	13	Q7TNF8-2
31.013	0	46.311	1103600000	26	O35658
186.48	0	117.61	4463800000	206	P01027
192.91	0	141.97	3991300000	112	P01029
51.523	0.00081766	2.5987	1805700000	40	P08607
188.88	0	5.9504	135690000	19	P06684
62.002	0.00041894	2.8875	73964000	2	P06683
28.33	0	6.1149	303280000	20	P13634
29.032	0	135.15	4822100000	130	P00920
29.366	0	249.06	14412000000	304	P16015
39.842	0	56.197	1240100000	74	Q06138
121.96	0	92.052	4639400000	113	O08532-3
26.51	0	8.3966	127430000	11	Q9CXW3
235.85	0	9.5059	153500000	11	B2RQC6-2
16.837	0	168.53	3732400000	63	P0DP28
47.994	0	99.441	5250700000	128	P14211
37.063	0	21.87	435350000	10	O35887
41.624	0	5.7082	282090000	28	Q91YS8
54.113	0	110.87	4761900000	118	Q6PHZ2-2
55.96	0	71.222	1998000000	77	Q923T9-3
32.542	0	4.9167	82662000	4	P49070
136.33	0	250.77	7382500000	265	Q6ZQ38
67.277	0	116.84	7884300000	143	P35564
51.564	0	323.31	38732000000	356	P40124
52.861	0	83.638	3087900000	85	Q9CYT6
39.24	0	55.406	967270000	41	P24452

82.105	0	28.901	549380000	19	O35350
79.871	0	212.51	10122000000	253	O08529
28.463	0	209.04	11355000000	200	O88456
78.168	0	3.745	83205000	11	Q60865
32.939	0	22.002	816170000	17	P47753
32.967	0	80.94	5045900000	83	P47754
30.628	0	77.176	4512300000	95	P47757-2
16.062	0	8.5806	551710000	10	Q9CR86
35.217	0	59.254	1364200000	52	Q9CZ42-3
32.151	0.00043611	3.3341	114510000	15	Q9CZ42-2
63.459	0.0027679	2.1941	82351000	6	Q9WVG6-2
85.55	0.00043271	3.2532	9353300	1	Q9ER72-2
55.356	0.0027756	2.2278	27222000	2	O89110
46.377	0	12.282	7561700000	20	O09165
79.694	0	17.254	485640000	29	P51125-3
59.795	0	98.574	897480000	38	P24270
20.538	0	80.794	13977000000	179	P49817
18.227	0	15.962	1280300000	56	Q9WVC3
30.641	0	43.949	1731700000	53	P48758
25.958	0	308.75	27009000000	263	P08074
30.953	0	9.1695	357050000	21	Q8K354
124.74	0	4.8882	108580000	3	Q8CH18-3
103	0	6.2704	72515000	10	Q8VDP4
47.32	0	5.7362	130460000	16	Q71RI9-2
19.152	0	5.6912	68988000	1	Q3TC33-2
54.865	0	16.331	614280000	28	Q9D024-2
107.61	0	20.111	561980000	34	Q8R2G6
29.596	0	25.368	1045300000	9	Q8C3X2
36.561	0	4.8234	52427000	7	Q8BGU5-2
57.477	0	143	6642700000	194	P80314
60.629	0	97.761	4136800000	187	P80318
58.066	0	98.794	2783200000	117	P80315
59.623	0	206.81	4974100000	155	P80316
58.004	0	101.37	3175800000	121	P80317
59.652	0	99.037	3441500000	131	P80313
59.555	0	41.912	2533500000	85	P42932
161.66	0	133.48	1400400000	74	Q8R422
28.246	0	4.5311	636800000	7	O35566
120.92	0	6.3005	78479000	7	Q2VLH6
31.256	0	24.985	1579300000	73	O54901
70.449	0	6.4296	247360000	18	Q9JLQ0

35.262	0.001221	2.545	553350000	12	Q64314-2
52.697	0	58.501	3943200000	91	Q08857
39.998	0	3.4566	130900000	13	P15379-2
33.097	0	14.222	997230000	53	Q61735
25.814	0	166.01	6394400000	64	P35762
25.258	0	107.92	4399200000	96	P40240
80.433	0	16.934	754380000	20	Q9Z0M6-2
16.782	0	30.68	271710000	14	Q8VCN6
44.593	0	13.507	699770000	35	Q61081
21.258	0	72.23	4084500000	140	P60766
194.75	0	13.561	464570000	44	Q7TT50
78.185	0	91.625	7199300000	172	Q9WTR5
88.354	0	3.8092	37397000	8	P97326
23.599	0	4.2842	34347000	3	Q8VDP6
158.13	0.0035101	1.9858	71309000	2	Q69ZA1-2
33.288	0	4.9745	90730000	17	P49615
51.313	0	32.321	337510000	16	Q99L43
55.409	0	17.835	301740000	26	Q9Z0H4-2
27.541	0	14.211	606520000	48	Q9CXS4
61.055	0	68.782	3334000000	103	P23953
61.787	0	228.3	13704000000	275	Q8VCT4
85.004	0	20.922	430520000	37	P04186
27.985	0.003517	2.0109	206130000	4	P03953-2
139.14	0	87.083	4622300000	141	P06909
67.26	0	5.1683	204290000	7	Q61129
18.559	0	187.86	18439000000	262	P18760
18.709	0	36.863	1216300000	32	P45591
26.334	0	12.578	420610000	2	Q9CRB9
29.852	0	6.6186	320790000	10	Q91VN4
217.75	0	14.731	415030000	27	Q6PDQ2
25.219	0.001624	2.5227	189200000	14	Q9CQ10
24.936	0	7.2142	250040000	13	Q9D8B3
49.398	0.006734	1.5515	55622000	1	Q99LL3
21.978	0	5.5258	124790000	4	Q9CY57-3
12.097	0	12.153	1008400000	19	Q91WS0
63.691	0	58.349	3007100000	118	Q8BMK4
42.713	0	323.31	35885000000	349	Q04447
43.044	0	98.566	2052700000	51	P07310
167.94	0	13.658	380700000	14	Q80TV8-2
60.621	0.0042324	1.7991	82092000	2	Q99LI2
34.595	0.00042212	2.9791	36691000	5	P49300

22.257	0	46.737	795520000	25	P43025
27.013	0	40.686	2951500000	103	Q9Z1Q5
28.729	0	223.14	10051000000	344	Q9QYB1
51.425	0.00042194	2.9706	52558000	13	Q99KN9-2
62.183	0	6.155	89487000	12	Q8BXA5
23.174	0	4.0927	138930000	16	Q6IRU5-2
191.55	0	323.31	41377000000	991	Q68FD5
51.655	0	130.09	2914200000	94	Q06890
37.548	0	30.911	1315200000	37	Q8R4N0
27.586	0	110.34	4370900000	139	P21844
22.165	0	24.065	1003800000	42	Q9DBP5
18.742	0	7.1767	485530000	16	P53996-2
52.767	0	24.025	1861500000	52	Q9D1A2
33.355	0	323.31	1.3822E+11	997	Q08091
33.155	0	229.99	9851600000	111	Q08093
36.428	0	234.12	12547000000	287	Q9DAW9
44.654	0	47.331	296830000	11	P16330-2
20.767	0	9.3505	91894000	2	Q9QXT0
28.093	0	3.4848	70658000	4	Q8BQ47
11.987	0.00041477	2.785	138140000	4	Q9D2R6
62.022	0	7.6819	173590000	5	Q9DBL7
206.08	0	63.894	1210200000	41	Q60847-4
191.36	0	323.31	19690000000	511	Q80X19-2
140.47	0	257.72	19664000000	351	O35206
134.2	0	323.31	51640000000	572	P39061-2
138.03	0	312.54	3.1366E+11	716	P11087
129.56	0	190.18	1.58E+11	547	Q01149
131.86	0	15.937	36705000000	45	P28481-2
138.94	0	17.752	1825800000	39	P08121
160.68	0	237.12	55197000000	472	P02463
167.32	0	260.45	42744000000	423	P08122
161.72	0	13.841	678340000	31	Q9QZS0
164.09	0	9.4439	248090000	2	Q9QZR9
183.77	0	254.5	5574100000	112	O88207-2
145.02	0	87.62	4745200000	93	Q3U962
108.49	0	323.31	2.216E+11	1299	Q04857
110.33	0	323.31	1.6492E+11	960	Q02788
289.57	0	87.26	1660800000	63	A6H584
246.32	0	323.31	20497000000	582	Q8C6K9
71.06	0	6.1355	312370000	23	Q8K297
22.037	0	12.457	150260000	13	Q63829

21.86	0.0060583	1.6619	32267000	7	Q9CQ02
21.85	0	31.388	259460000	16	Q8K2Q0
24.707	0	55.754	656340000	30	Q88587-2
28.96	0	4.585	111290000	11	Q8BIG7
138.43	0	83.807	2786300000	131	Q8CIE6
107.06	0	73.83	1887700000	88	Q9JIF7
102.45	0	17.662	427670000	26	O55029
34.567	0	72.594	978920000	48	O89079
97.512	0	71.76	2250900000	109	Q9QZE5
97.55	0	5.0957	106020000	7	Q9QXK3-4
51.596	0	84.088	1632500000	80	P61202
47.832	0	28.101	835770000	26	O88543
46.284	0	24.904	466370000	47	O88544
37.548	0	8.9075	355790000	3	O35864
35.88	0.002769	2.1944	83388000	7	O88545
30.224	0	18.364	281780000	30	Q9CZ04
20.198	0	9.9118	227890000	15	P61924
21.693	0	3.6376	79417000	1	Q3THF9-2
51.392	0	16.651	376970000	12	Q8R1S0
35.082	0	11.974	528740000	26	Q8K1Z0
50.989	0	5.0661	109050000	8	O89053
53.912	0	20.237	1304500000	59	Q9WUM3
53.12	0	103.74	7668900000	186	Q9WUM4
15.944	0	5.0826	42797000	8	Q9CQI6
19.53	0	52.973	3848700000	77	P19783
16.101	0	119.92	12116000000	197	P12787
13.813	0	19.876	2920300000	95	P19536
12.352	0	71.751	11673000000	92	P43024
10.071	0	32.939	5606700000	77	P56391
8.4689	0	18.717	1912500000	37	Q9CPQ1
8.9863	0	6.2094	1823700000	19	P56392
9.2908	0	13.015	1512300000	48	P48771
7.3325	0.0020048	2.3519	257470000	8	P17665
121.15	0	35.358	1138200000	75	Q61147
48.789	0	75.685	4864000000	156	P15089
53.255	0	13.861	441460000	21	Q00493
58.886	0	87.549	2242300000	69	Q8C166
61.035	0	6.1842	173460000	14	P59108
59.584	0	93.26	2280700000	61	Q8BT60
49.714	0	3.4781	28798000	3	P36552
30.333	0	5.9812	75423000	3	Q8BFS6-4

51.813	0	12.661	542450000	22	Q9WVJ3
59.152	0	54.861	1043500000	27	Q6NVF9
26.192	0	10.592	377080000	18	Q8BTV2-3
88.25	0	13.85	472990000	30	P97742
88.216	0	25.016	783720000	49	Q924X2
73.98	0	116.63	2433600000	96	P52825
49.074	0.0023866	2.2566	163080000	13	Q64735-2
70.839	0	40.544	1047800000	55	P47934
45.717	0	5.5301	55255000	7	Q91XD7
8.5497	0	89.598	26443000000	98	P63254
22.727	0	154	21204000000	150	Q9DCT8
33.814	0	17.308	854770000	27	Q64010
33.83	0	3.5663	155910000	1	P47941
20.069	0	15.858	1420100000	44	P23927
35.208	0	19.944	737880000	25	Q99KP3
35.268	0	4.864	292850000	12	P47199
51.736	0	323.31	30932000000	369	Q9CZU6
55.144	0	48.381	1365700000	71	Q9DBE0
110.45	0	55.993	4351900000	36	Q9ERK4
50.716	0	4.7119	320860000	5	P41241
37.567	0	6.3494	157920000	20	Q8BK63-2
45.133	0	26.277	736920000	44	Q60737
24.942	0	4.4908	300890000	10	P67871
252.31	0	323.31	12555000000	388	Q8VHY0
20.583	0	323.31	36528000000	237	P97315
20.926	0	181.23	21202000000	219	P97314
15.531	0.00041563	2.8038	83055000	3	P21460
11.045	0	15.806	1087200000	30	Q62426
61.341	0	8.7446	231550000	11	Q8BIQ5
46.614	0	65.389	906220000	25	O88712-2
83.745	0	9.3668	30274000	1	Q61164
100.11	0	83.916	1850600000	62	P26231
100.42	0	6.4214	144480000	15	Q61301-2
99.802	0	13.036	173080000	5	Q65CL1
81.462	0	14.794	261780000	17	O88327
85.47	0	33.819	1491300000	51	Q02248
64.979	0.0027778	2.2308	47146000	7	Q9CWL8
101.74	0	25.498	816290000	53	P30999-2
37.279	0	59.279	1337400000	59	P10605
44.953	0	52.623	6533000000	136	P18242
37.17	0	16.967	354440000	15	P49935

61.249	0	28.215	548990000	23	Q60598
69.84	0	5.0559	148330000	2	Q99LJ0
89.69	0	10.735	145210000	13	Q9WTX6
88.947	0	6.0782	197200000	21	Q9JLV5
87.752	0	8.0381	103160000	24	Q3TCH7
90.973	0	10.653	172420000	11	Q9D5V5
18.865	0	22.108	1691500000	68	Q9CQ89
29.003	0.00042034	2.9282	78093000	2	Q9D8X1
10.032	0	9.5733	104800000	9	P40224-1
15.241	0	12.424	747250000	20	P56395
16.318	0	21.984	409270000	12	Q9CQX2
34.134	0	25.084	397530000	22	Q9DB73
31.549	0	311.38	27404000000	494	Q9DCN2-2
20.921	0	5.1883	239910000	20	Q3TYS2
29.497	0	118.79	4643400000	87	Q9D0M3-2
11.605	0	33.334	4541600000	72	P62897
144.98	0	31.57	1651700000	104	Q7TMB8-2
21.465	0	43.183	1117200000	39	Q9CX80
52.149	0	14.841	321150000	11	Q8BKE6
55.948	0.0035143	2.0049	17082000	2	P33267
58.9	0	3.9006	52634000	2	Q64462
28.09	0	91.171	5990200000	99	Q9D172
122.27	0	12.37	149770000	6	Q8BPM0-2
58.821	0	4.8016	90225000	10	P98078-3
96.904	0	64.945	2207200000	94	Q62165
51.421	0	8.4826	276290000	14	O54784
57.147	0	22.012	2305600000	91	Q922B2
43.086	0	9.1212	74977000	2	Q9JII5-2
10	0	87.928	4022900000	69	P31786
48.341	0	16.872	716650000	29	Q62418-3
53.246	0	41.744	2104600000	90	P53395
39.809	0	323.31	1.2758E+11	951	P28654
38.988	0	26.873	445770000	19	Q9DAR7
138.2	0	58.263	1614800000	62	O08788-2
44.116	0	79.04	2572900000	83	Q99KJ8
20.978	0	7.342	98773000	13	Q9Z0Y1
20.14	0.00042355	3.0083	30617000	2	Q9QZB9
25.746	0	18.603	72305000	9	Q91X52
29.645	0	72.344	2622000000	84	Q99LD8
126.85	0	31.531	917980000	57	Q3U1J4
79.576	0.0035363	2.0748	18456000	2	Q80Y98

49.027	0	107.46	3204100000	77	O54734
35.977	0	4.0751	287950000	3	Q80WW9
13.077	0	65.828	3974900000	119	O35215
82.499	0	122.42	2766700000	90	Q91VR5
72.399	0	18.735	484670000	24	Q501J6
93.55	0.00043535	3.3195	112460000	6	Q9JIK5
42.104	0	4.5608	105500000	16	Q9QY15-2
49.035	0	60.223	3377700000	114	Q9Z1N5
73.101	0	108.58	4026200000	112	Q62167
73.427	0	12.75	350490000	6	Q62095
101.96	0	4.6763	710250000	4	Q810A7
116.89	0.00042373	3.0101	61420000	4	Q569Z5-2
69.289	0	50.072	3039300000	110	Q61656
82.175	0	3.8431	2009900000	9	Q99MJ9
54.191	0	4.8139	167630000	16	P54823
36.213	0	187.7	9157600000	197	Q9CQ62
43.158	0	7.6611	552420000	29	Q7TNV0
28.834	0	11.34	226500000	17	Q99J56
53.497	0	210.78	3981800000	112	P31001
36.3	0	25.741	691190000	23	Q9DBB8
34.005	0	21.861	502820000	41	Q99L04
33.982	0	5.1587	97429000	5	Q99J47-2
91.006	0	6.9853	212060000	14	O35286
153.97	0	3.9336	11718000	3	Q6PGC1
149.47	0	61.359	2392300000	92	O70133
139.34	0	14.211	131920000	11	O08808
57.401	0	3.4735	135590000	4	Q9ESX5
67.941	0	178.4	11245000000	224	Q8BMF4
54.272	0	96.568	8473700000	169	O08749
48.994	0	64.236	5495000000	78	Q9D2G2
425.83	0	323.31	25368000000	797	P11531
46.531	0	13.114	299440000	23	P54265-4
44.868	0	48.96	519920000	13	P63037
45.745	0	19.507	578230000	15	Q9QYJ0
46.847	0	13.886	178170000	4	Q99M87-3
37.781	0	32.978	1919700000	51	Q9D832
90.582	0.0023962	2.3032	157610000	10	Q9DC23
63.232	0	13.003	243750000	16	Q5U458
12.436	0	16.222	38977000	8	Q9CQV7
57.463	0	17.13	241200000	11	Q91YW3
96.056	0.00041408	2.77	32629000	3	P39053-5

78.01	0	132.81	3212800000	178	Q8K1M6-3
97.732	0	59.349	2215400000	115	P39054-2
52.206	0	49.812	1979900000	93	Q9Z2W0
241.18	0	17.045	325750000	12	Q8R1A4-2
45.722	0	318.63	11241000000	206	P31428
82.897	0	21.064	505020000	25	Q99KK7
56.253	0	5.4967	74634000	6	Q9ET22
23.995	0	128.43	13189000000	158	Q9QZZ6
11.213	0	38.474	2129700000	58	Q99LT0
62.277	0	320.04	17362000000	350	O08553
61.936	0	314.51	26102000000	457	Q62188
22.278	0.00043459	3.3119	46152000	9	Q9D6N5
332.91	0	27.677	555910000	18	E9Q557
834.21	0	75.082	171230000	10	Q91ZU6
18.521	0	203.86	70525000000	577	Q9R0P5
18.05	0	5.3827	56652000	4	Q8BHA3-2
77.732	0	83.813	2516900000	69	Q9D2N4-2
24.18	0.003506	1.9738	8164200000	11	Q8K4T5
20.472	0	76.342	1574500000	70	Q9D7X3
532.04	0	323.31	23096000000	998	Q9JHU4
68.393	0	88.21	412850000	10	O88487
56.614	0	62.991	1215100000	36	Q8R1Q8
10.366	0	14.854	5606500000	69	P63168
10.99	0	16.131	901600000	20	P62627
12.483	0.00043592	3.3234	61113000	6	P51807
12.957	0	27.907	277530000	13	P56387
235.9	0	44.735	1105200000	40	Q9ESD7-3
36.118	0	134.36	1398900000	51	O35459
28.824	0	16.154	68011000	3	Q3TLP5-2
31.474	0	147.61	6572700000	113	Q8BH95
32.25	0	147.96	6965100000	98	P42125
39.503	0	20.547	496340000	31	Q9WUR2-2
62.832	0	21.03	1228200000	28	Q61508
203.91	0	15.852	502260000	19	Q6PDI5-2
49.798	0	4.0994	67244000	1	Q9QZH6
50.113	0	319.08	73565000000	514	P10126
24.693	0	34.682	2536000000	61	O70251
31.293	0	67.039	1858700000	50	P57776
19.859	0.00043403	3.2945	80603000	4	Q9D1M4
50.06	0	88.619	5164200000	100	Q9D8N0
95.313	0	323.31	22863000000	571	P58252

54.952	0	70.472	5337200000	163	Q8BPB5
49.425	0	157.08	3717300000	85	Q9WVJ9
26.999	0	19.789	535040000	28	Q9D4J1
26.791	0	5.2647	194490000	20	Q9D8Y0
92.612	0	9.9338	187510000	6	Q8BG67
109.36	0	12.3	509680000	27	O08810
134.85	0	19.407	304630000	19	Q01279
83.947	0	43.626	225600000	14	Q99MS7-4
60.602	0	99.506	5381200000	171	Q9WVK4
61.174	0	323.31	91289000000	1041	Q8BH64
60.82	0	22.032	214290000	18	Q9QXY6
61.48	0	156.64	7917600000	275	Q9EQP2
36.108	0	13.206	531630000	14	Q6ZWX6
51.065	0	9.7172	531720000	39	Q9Z0N1
161.93	0	35.11	1880100000	98	P23116
91.369	0	9.5342	398090000	23	Q8JZQ9
105.53	0	23.791	805110000	39	Q8R1B4
63.988	0	40.942	447820000	13	O70194
52.22	0	23.952	463820000	43	P60229
37.984	0	52.338	1951100000	71	Q9DCH4
35.638	0	4.4639	219090000	9	Q9Z1D1
39.832	0	10.558	318010000	8	Q91WK2
29.343	0	7.592	320400000	16	Q3UGC7
21.307	0	4.5533	257150000	14	Q9DBZ5-2
66.612	0	40.252	323320000	35	Q8QZY1
42.516	0	62.679	651050000	44	Q99JX4
46.153	0	97.639	5434300000	160	P60843
46.402	0	25.282	574090000	26	P10630
46.839	0	7.4801	627410000	16	Q91VC3
68.839	0	101.05	1241400000	27	Q8BGD9
25.053	0	5.6181	295110000	21	P63073
174.58	0	19.148	640710000	49	Q6NZJ6-2
97.893	0	14.792	464340000	19	Q62448-2
25.186	0	24.883	1024000000	13	Q9WUK2-2
48.968	0	25.615	640680000	46	P59325
16.832	0	123.54	5225400000	126	P63242
137.61	0	34.396	525050000	10	Q05D44
36.169	0	32.078	937620000	53	P70372
71.937	0	249.95	55314000000	366	P54320
32.677	0	18.215	864940000	17	Q9JLJ5
111.29	0	11.086	316110000	23	Q8C7X2-2

23.348	0	5.2773	153110000	12	O70378
29.435	0	36.636	1513000000	25	O08579
107.58	0	293.9	15663000000	291	Q99K41
86.41	0	57.953	2500500000	98	Q05BC3-2
70.733	0	91.195	3018300000	113	Q7TNG5
56.356	0	162.2	5525600000	125	Q03173-6
55.262	0	60.763	3679700000	117	Q8C522
47.14	0	323.31	30832000000	475	P17182
47.296	0	7.5293	48377000	2	P17183
47.024	0	12.209	312260000	16	P21550
107.96	0	56.515	1605800000	53	P16406
103.08	0	11.149	305640000	13	P06802-2
98.661	0	15.632	497000000	39	Q6DYE8
47.903	0.00041806	2.8713	46553000	12	Q8BTJ4-2
57.205	0	175.61	4164000000	140	P55772
54.319	0	147.67	13583000000	198	O55026
89.663	0	11.205	340320000	12	P48193-2
109.94	0	23.776	871010000	24	O70318
52.576	0	125.73	10303000000	309	Q9D379
62.515	0	26.425	593900000	23	P34914
60.211	0.0016181	2.4916	113680000	14	Q80VP1
62.253	0	4.1722	163260000	4	Q8CHU3-2
68.24	0.0020056	2.373	175080000	12	Q91W69
723.3	0	6.3	158620000	9	Q8R0W0
170.08	0	69.325	2182600000	116	Q8CGC7
98.47	0	4.8461	95222000	12	P42567
82.228	0.00081599	2.5739	61385000	3	Q99K30
106.6	0	7.8899	202760000	17	Q9EQH2
154.33	0.00082068	2.6617	20517000	7	Q80TH2-1
32.562	0	20.676	808270000	15	Q9DC16
12.259	0	20.757	621650000	31	P84089
54.084	0	14.332	362200000	37	Q8R180
28.823	0	8.7953	631490000	31	P57759
46.852	0	29.727	1369200000	47	Q9D1Q6
31.319	0	129.71	7202800000	155	Q9R0P3
121.55	0	236.98	10772000000	333	Q3U7R1
94.138	0	120.19	2751600000	95	Q3TZZ7
49.03	0	3.7753	291280000	5	Q8BWY3
35.009	0	240.11	26576000000	290	Q99LC5
27.623	0	183.48	8324700000	149	Q9DCW4
68.09	0	74.429	2483800000	78	Q921G7

27.738	0	52.611	1279300000	53	Q9DCM0
103.96	0.003882	1.9335	37140000	6	Q9D4H1
94.128	0	12.522	256660000	11	A6H5Z3
83.206	0	48.334	2687600000	114	Q8BH61
70.268	0	17.618	1221000000	39	P19221
14.819	0	11.571	821000000	28	P11404
14.65	0	123.85	7878700000	114	P04117
52.471	0	12.488	188770000	17	Q3TDN2
46.175	0	36.602	1812100000	56	P35505
61.012	0	40.142	470660000	28	Q9D281
121.64	0	13.601	141220000	9	Q6A0A9
102.65	0	207.43	5168200000	214	Q3UW53
84.818	0	71.61	653500000	42	Q8R1F1
17.725	0	5.4276	474510000	34	Q9D6U8
46.942	0.0004344	3.2982	77331000	7	Q3TCJ1
24.394	0	5.1809	203010000	17	Q9CYH2
24.752	0	12.131	174080000	20	Q91VU0
39.593	0.0063886	1.5896	1975400000	18	Q9WTJ8
55.055	0	33.535	136360000	9	Q3TJZ6
45.349	0	3.6279	110990000	6	Q80VD1
57.598	0	27.651	782690000	44	Q8C0C7
65.696	0	14.323	728540000	49	Q9WUA2
272.43	0	323.31	46198000000	808	P19096
6.6478	0	4.8061	1198000000	17	P62862
34.306	0	17.368	779990000	30	P35550
41.026	0	244.12	38703000000	553	Q71FD7
78.032	0	14.852	308980000	19	Q08879
75.283	0	5.5982	270510000	7	Q08879-2
126.5	0	73.299	3419400000	133	P37889-2
50.193	0	323.31	1.6749E+11	875	Q9WVH9
312.3	0	323.31	2.3922E+11	2583	Q61554
313.82	0	36.564	485300000	10	Q61555
33.676	0.00043821	3.4085	106710000	12	Q80UW2
82.687	0	23.681	199530000	14	Q8BJL1
34.492	0	3.6207	50779000	6	Q9QZN4
40.092	0.0098289	1.3338	128910000	6	Q61559
88.733	0	8.2892	110150000	5	Q3UQN2
40.581	0	9.9006	118570000	13	Q920E5
47.13	0	7.5726	400600000	4	P22315
77.8	0	323.31	18877000000	425	Q8CIB5
75.634	0	30.153	401020000	8	Q8K1B8

42.712	0	3.6232	100020000	2	Q9QXC1
61.325	0	323.31	19138000000	319	E9PV24-2
54.752	0	323.31	33474000000	464	Q8K0E8
17.417	0	5.4781	192550000	19	P61148
49.391	0	323.31	38879000000	437	Q8VCM7
48.95	0	5.2515	42284000	1	P12804
50.052	0	207.19	10889000000	255	P97807-2
31.888	0	288.52	29411000000	425	P97447
31.794	0	33.973	651950000	43	Q9R059
101.85	0	63.39	1384100000	54	Q6P6L0-3
17.008	0	124.66	2420300000	62	Q9CQ92
64.697	0	7.462	352200000	27	Q61576
11.922	0	57	1903700000	51	P26883
15.344	0	4.2006	318990000	10	P45878
25.147	0	5.8925	116730000	4	Q62446
51.572	0	14.072	683570000	15	P30416
62.995	0	11.744	479330000	18	Q9Z247
144.8	0	94.22	3408100000	112	Q9JJ28
281.22	0	323.31	9.9382E+11	5399	Q8BTM8
277.82	0	259.32	5437000000	214	Q80X90
291.12	0	323.31	13526000000	423	Q8VHX6
47.513	0	33.227	901760000	45	O08917
41.658	0	29.172	1248100000	59	Q60634-3
111.28	0	10.292	123440000	5	Q6ZPF4-2
59.914	0	51.494	2872300000	69	P50285
60.974	0	296.97	32521000000	443	Q8K2I3
60.515	0	33.319	700870000	27	P97501
43.054	0	143.18	3711800000	97	P50608
47.18	0	4.2865	83026000	11	P35922-11
272.53	0	323.31	1.5461E+11	1617	P11276
44.013	0	13.115	254450000	7	Q61239
84.573	0.0060514	1.6473	104010000	7	O35409
339.09	0.006056	1.6612	1527700000	4	E9Q8I9
34.554	0	18.581	315270000	25	Q62356
21.066	0	35.711	2532400000	88	P09528
20.802	0	54.342	3647100000	82	P29391
16.564	0.00042337	3.0009	134850000	9	Q9D6K8
13.72	0	8.9437	286690000	18	Q8R2K1-5
52.673	0	15.763	520020000	23	P56959
60.815	0	19.351	317680000	16	Q61584-2
51.828	0	26.303	1036500000	57	P97855

50.784	0	4.9123	216640000	16	P97379-2
59.262	0	92.82	2082800000	90	Q00612
106.25	0	6.5392	130610000	12	P70699
13.918	0.0049751	1.7295	30611000	1	Q9DCD6
138.34	0	26.992	74765000	10	Q99KY4-2
42.295	0	44.478	1408500000	28	Q9R0N0
37.798	0	10.923	116910000	15	Q8K157
26.336	0	8.1545	275830000	17	O35969
106.91	0	152.82	5591500000	156	Q8BHN3
35.81	0	323.31	1.414E+11	978	P16858
81.877	0.00042937	3.1672	211590000	2	Q9CZD3
107.5	0	18.874	528190000	20	Q64737
32.932	0	39.603	563520000	27	O55126
80.363	0	11.818	321140000	17	Q9D6Y9
66.739	0	33.077	497700000	31	Q9Z0E6
53.6	0	160.91	6132600000	147	P21614
44.93	0	6.4351	86551000	12	O88986
48.605	0	4.5379	160980000	8	Q60759
293.02	0	38.1	549530000	35	E9PVA8
51.012	0	10.903	155340000	16	Q9R111
50.521	0	106.12	4575800000	157	P50396
50.537	0	313.78	16988000000	334	Q61598
87.194	0	6.9336	55113000	2	Q9QYC7
26.778	0	9.427	156470000	1	Q9D7M1
24.554	0	6.8303	57798000	3	Q99JY3
85.299	0	5.8461	235370000	16	Q68FF6
78.765	0	5.8592	251260000	7	Q9JLQ2
133.73	0	36.054	1299300000	61	Q61543
20.809	0	39.745	5555000000	131	Q9CPU0
32.409	0	20.701	1242000000	40	Q9CPV4-2
11.871	0	12.446	1177200000	44	Q9QUH0
37.778	0	41.59	886080000	39	Q9CQM9
65.994	0	36.317	1059900000	35	D3Z7P3-2
23.689	0	13.07	312150000	11	Q9JL62
61.336	0	226.02	11416000000	321	P26443
42.119	0	77.76	1006000000	29	P15105
59.715	0	16.165	284200000	12	Q922P9
16.723	0	8.828	260180000	8	Q9CQI3
46.244	0	5.8217	256160000	21	Q922H4
39.916	0	15.426	560270000	29	Q8BTZ7
76.723	0.0038775	1.9023	158010000	4	Q3THK7

42.024	0	30.181	1592200000	70	P21278
44.054	0	7.4714	207070000	12	P27601
40.361	0	6.7526	228120000	12	B2RSH2
40.489	0	166.12	6186700000	194	P08752
40.084	0	8.5384	80267000	9	P18872
40.036	0	33.117	879390000	35	P18872-2
42.158	0	51.492	1647800000	115	P21279
44.265	0	18.722	1730400000	64	P63094-2
37.377	0	109.36	1756200000	59	P62874
37.331	0	145.82	4418500000	134	P62880
35.076	0	89.344	3459000000	107	P68040
37.379	0	12.655	206800000	9	P29387
7.9972	0	17.702	801380000	17	Q9DAS9
7.3184	0	11.636	714590000	15	Q80SZ7
30.913	0	4.5619	118320000	5	Q9CRC9-2
20.791	0.000818	2.602	87819000	12	Q9JK38
110.05	0	3.9887	77137000	8	Q921M4-2
39.661	0	26.043	319800000	16	Q99JX3-2
24.725	0	10.918	54861000	7	O35166
46.247	0	45.344	497970000	19	P05201
47.411	0	226.26	12748000000	273	P05202
63.467	0	62.789	192690000	11	O08742
62.586	0	6.2954	161760000	6	P51655
63.056	0	106.46	2220900000	93	Q9R087
37.572	0	212.85	6910700000	160	P13707
34.634	0	35.446	2369100000	39	Q3ULJ0-2
80.953	0	198.43	9884800000	264	Q64521
62.766	0	323.31	38713000000	659	P06745
63.675	0.0094787	1.3574	42810000	1	Q99P91
53.442	0	8.2902	123310000	10	Q99LD4
22.329	0	111.11	9034200000	208	P11352
25.424	0	41.832	11566000000	148	P46412
19.522	0	3.7634	328910000	7	O70325-2
21.061	0	3.8972	244400000	9	Q99LJ6
25.238	0	11.809	480050000	34	Q60631
35.328	0	107.15	4078400000	94	Q91Z53
63.458	0	20.423	891020000	49	P28798
24.307	0	7.2867	127640000	13	Q99LP6
51.66	0	4.9264	100980000	1	Q2NL51
46.71	0	8.0968	207250000	16	Q9WV60
85.941	0	323.31	33662000000	378	P13020

80.762	0.00082576	2.7561	417970000	11	P13020-2
51.073	0	24.785	1007700000	25	P47791-2
52.246	0	8.9633	209520000	18	P51855
25.36	0.0031596	2.1598	96788000	11	P30115
25.704	0	31.433	1224300000	74	Q9DCM2
25.97	0	265.2	96814000000	559	P10649
25.716	0	93.383	17334000000	202	P15626
26.635	0	11.54	438180000	32	P48774
25.709	0	5.9021	298300000	27	Q80W21
27.497	0	25.998	387250000	35	O09131
23.609	0	323.31	47664000000	251	P19157
27.374	0	94.909	4490900000	161	Q64471
27.634	0	7.2704	334830000	12	Q61133
27.403	0	43.989	1832100000	75	Q99L20
24.275	0	50.524	746150000	52	Q9WVLO
106.05	0	12.933	182900000	2	Q9ESZ8-5
77.587	0	82.066	4457300000	183	Q9ERL9
70.597	0	65.366	1628600000	95	O54865
34.47	0	26.89	442590000	21	Q8K2A1
37.402	0	24.597	413790000	22	Q9R062
83.926	0	3.8567	111290000	1	Q9Z1E4
20.861	0	23.31	10305000000	93	P10922
28.093	0.00042845	3.1591	18642000	2	P14434
40.836	0	22.396	1014300000	31	P01899
41.301	0	6.9868	146560000	11	P01901
37.251	0	7.8413	291620000	13	P01898
13.509	0	82.267	5612700000	83	Q3THW5
39.289	0	133.5	8727900000	211	Q9QZQ8-2
40.092	0	6.2688	583290000	12	Q8CCK0
15.328	0	105.45	96672000000	35	P84244
88.927	0	11.14	380030000	9	Q8CFX1
34.463	0	302.99	19682000000	225	Q61425
82.669	0	323.31	48147000000	763	Q8BMS1
51.386	0	305.17	23328000000	409	Q99JY0
28.901	0	5.5203	199290000	6	Q99KB8-2
9.352	0.00043422	3.2974	236390000	19	Q9EQ21
40.477	0	24.497	1015800000	33	Q9QUP5
57.432	0	5.0734	522820000	16	Q61035
31.654	0	8.9603	57921000	1	O35387
15.085	0	270.52	4.526E+11	668	P01942
15.84	0	323.31	5.5827E+11	1367	P02088

15.878	0	36.843	1140800000	19	P02089
16.494	0.0031571	2.1513	146040000	8	P04444
210.43	0	28.615	348220000	10	Q61191
55.302	0.0004386	3.4115	219770000	5	P70288
26.268	0	9.4911	474020000	17	P51859
22.43	0	35.251	960890000	31	Q9JMG7
28.73	0	19.584	710560000	27	Q3UGR5
141.74	0	31.59	1002300000	62	Q8VDJ3
290.08	0	4.7852	40712000	6	Q69ZR2
60.612	0	10.331	181760000	19	P29416
61.115	0.0035006	1.9446	47237000	2	P20060
86.014	0	4.4582	62634000	2	Q99LI8
35.44	0	156.75	3338600000	137	Q99L13
43.037	0	51.357	1546300000	88	Q8QZS1
10.425	0	13.3	121430000	2	Q9JLR9
13.777	0	97.196	6332300000	115	P70349
17.32	0	10.869	763670000	27	Q9D0S9
115.2	0	46.819	944900000	46	Q8VD75
21.785	0	9.9724	551540000	15	P43275
22.576	0	7.609	1140300000	48	P43276
21.266	0	54.657	16895000000	223	P15864
22.099	0	5.2574	223300000	9	P43277
21.977	0	17.024	10937000000	80	P43274
14.135	0	41.369	821440000	44	COHKE9
13.992	0	81.232	1.7456E+11	567	Q8CGP2
15.404	0	72.944	25703000000	52	P68433
15.388	0	131.15	1.1843E+11	204	P84228
11.367	0	248.99	1.4573E+11	471	P62806
14.013	0.0023981	2.3097	334230000	15	Q64522
13.988	0	240.18	1.8844E+11	452	Q64523
102.3	0	173.32	6911800000	219	P17710-3
102.53	0	102.55	1684800000	44	O08528
37.78	0	10.3	143670000	5	P22907-2
24.893	0	96.77	14384000000	152	P63158
24.162	0.00042753	3.1424	333090000	4	P30681
34.238	0	21.358	329590000	28	P38060
56.822	0	7.2962	327110000	16	P54869
9.4226	0.00122	2.541	138190000	9	P09602
45.343	0	3.9694	240450000	8	Q9JL35
35.738	0	11.538	186520000	2	O70252
30.53	0	3.8985	84518000	4	Q9CX86

34.196	0	38.169	785790000	34	P49312
32.46	0	195.92	6186500000	162	O88569-3
37.086	0	119.2	7079900000	152	Q8BG05-2
30.831	0	21.111	2322800000	82	Q99020
32.223	0	10.328	709490000	29	Q9Z204-4
30.777	0	31.905	3519600000	108	Q60668-4
33.558	0.00043687	3.3584	240580000	10	Q9Z130
45.729	0	39.626	1082400000	41	Q9Z2X1
49.199	0	156.35	2636800000	83	O35737
49.279	0	17.85	410020000	17	P70333
50.976	0	202.04	12238000000	208	P61979
63.963	0	113.23	4188400000	107	Q8R081
64.124	0	5.1972	205050000	12	Q921F4
73.74	0	58.987	3827700000	107	Q9D0E1-2
87.917	0	210.4	10848000000	191	Q8VEK3
85.045	0	6.3159	524300000	7	Q8VDM6-2
84.939	0	31.299	852850000	36	Q00PI9
83.217	0	15.97	122830000	14	Q8BUK6
31.363	0.006391	1.5938	35775000	1	P23463
38.752	0	8.0057	33606000	3	Q61646
59.548	0	79.734	5989200000	134	Q3TEA8-2
22.338	0	5.8957	283480000	21	P62748
24.57	0	7.3663	414640000	42	P00493
51.317	0	87.556	5183700000	164	Q91X72
59.162	0	23.157	728570000	40	Q9ESB3
8.6107	0	32.211	224760000	5	Q9CQZ1
32.364	0	3.7566	92429000	10	P50172
27.418	0	110.15	7599000000	133	O08756
32.88	0	40.457	1158300000	74	Q9EQ06
34.741	0	20.761	1482100000	59	O70503
79.481	0	8.3432	175730000	6	P51660
54.208	0	24.114	311710000	15	Q2TPA8
84.787	0	269.02	7963600000	260	P07901
83.28	0	323.31	26927000000	551	P11499
92.475	0	323.31	18264000000	431	P08113
74.87	0	12.396	400420000	23	Q8K0U4
76.118	0	56.173	1312600000	83	Q9CZJ2
70.078	0	205.47	14381000000	354	Q61696
70.175	0	7.6628	628000000	15	P17879
69.641	0	78.173	3461300000	104	P17156
94.132	0	163.73	5519400000	169	Q61316

92.251	0	6.3583	406440000	13	P48722-2
72.421	0	279.25	21077000000	398	P20029
70.87	0	323.31	63657000000	715	P63017
73.46	0	141.51	6537500000	218	P38647
23.014	0	323.31	30193000000	353	P14602
17.521	0	95.623	2125300000	50	Q5EBG6
18.634	0	44.725	1064500000	39	P35385
21.533	0	12.954	573100000	29	Q9JK92
60.955	0	318.46	26059000000	379	P63038
10.963	0	30.69	6147200000	79	Q64433
398.29	0	323.31	3.5945E+11	3906	Q05793
91.696	0	95.256	1039500000	58	Q61699-2
51.213	0	60.959	6885800000	108	Q9R118
480.89	0	27.362	381600000	29	Q7TMY8-3
111.18	0	53.036	2329300000	106	Q9JKR6
27.974	0.00042517	3.0648	129630000	15	Q9DB29
144.27	0.0008261	2.7579	105250000	17	Q8BU30
112.8	0	73.8	2267800000	88	Q8BIJ6
76.765	0	12.988	305450000	11	Q9DBD0
58.752	0	4.2861	75292000	3	P13597-2
31.39	0.000429	3.1641	103540000	15	P35330
117.77	0	20.483	179450000	7	Q9JHR7
46.674	0	81.964	4297700000	133	O88844
50.906	0	142.62	17063000000	315	P54071
39.638	0	192.45	21477000000	224	Q9D6R2
42.785	0	99.818	3796500000	100	P70404
31.875	0	7.4922	135610000	14	Q9D8C4
38.97	0	3.9435	96861000	13	Q61249
66.959	0.0046065	1.762	47525000	4	P70389
25.346	0	30.495	273210000	14	P47880
28.969	0	112.28	10965000000	190	Q61581
36.587	0	21.502	1088900000	44	P01867-2
35.704	0.0027767	2.2296	89933000	8	P01868
49.971	0	89.586	4781100000	133	P01872
11.934	0	33.362	1639100000	132	P01837
42.532	0	31.383	181080000	6	Q9DBZ1
38.476	0	6.0116	95696000	3	Q9DBZ1-2
86.689	0	7.6181	97024000	5	O88351
43.062	0	11.292	472900000	19	Q9CXY6
78.092	0.0023895	2.27	214720000	7	Q9Z1X4-2
51.373	0	205.7	20518000000	318	O55222

42.812	0	5.7421	85970000	4	Q8BU33-3
78.727	0	133.99	6812000000	192	Q8CAQ8-3
30.436	0	15.015	1011500000	52	O55023
137.49	0	23.883	320710000	16	Q0GNC1-3
29.459	0	95.219	1742900000	37	P40936
43.346	0	22.877	612550000	35	P49442
105.54	0	9.3355	399420000	9	Q9EPW0
117.94	0	4.909	35146000	2	Q7TPD0
119.27	0	7.4106	82482000	10	Q8VI75
123.59	0	171.97	1753400000	94	Q8BKC5
119.49	0	31.059	743160000	54	Q9EPL8
116.05	0	9.7135	124060000	5	Q91YE6
188.74	0	323.31	15468000000	428	Q9JKF1
80.564	0.0035239	2.04	3664100000	3	Q8K3X4
17.897	0	5.4986	104330000	3	Q64339
45.614	0	16.086	4954100000	54	Q6GU68
32.032	0.0064006	1.6064	69863000	4	Q91V64
22.417	0	179.91	3928300000	132	P85094
60.931	0	17.779	332270000	19	Q9JHU9
98.992	0.0035419	2.0858	21225000	3	Q8C863
130.81	0	16.981	498940000	26	Q3V3R4
112.68	0	93.602	925710000	33	Q9QUM0
116.74	0	47.077	1987900000	71	Q62470
115.04	0	38.095	1676100000	81	P11688
119.6	0	10.71	86160000	6	Q61739-2
117.55	0	323.31	34651000000	539	A2ARA8
114.41	0	48.918	1523100000	29	B8JK39
115.36	0	103.92	5425400000	126	P43406
88.231	0	323.31	50735000000	565	P09055
86.738	0	18.829	1304400000	51	O54890
87.908	0	58.687	2146200000	58	O70309
86.041	0.0087719	1.3834	3060200000	16	Q9Z0T9
101.07	0	79.156	2774000000	84	Q61702
105.93	0	21.2	623480000	25	Q61703
104.66	0	43.381	808270000	58	A6X935
30.26	0.00042105	2.9386	66975000	14	O89051
21.897	0	40.392	712390000	26	Q9D892
306.86	0	113.14	2755800000	137	P11881-8
304.27	0	5.0325	238790000	11	P70227
46.325	0	162.75	3156700000	66	Q9JHI5
133.37	0	13.917	240180000	16	P52332

74.691	0	30.964	535880000	20	Q9ET78
81.8	0	23.87	154900000	9	Q02257
90.244	0	114.92	4275500000	174	Q8BX02
67.839	0	27.857	555820000	39	Q99MN1
46.13	0.00043898	3.4168	690390000	23	Q9D3R6-3
32.136	0	23.277	226800000	14	Q80UY2-2
7.5938	0.0087944	1.3966	2727200000	18	O88454-2
57.685	0	24.384	909840000	50	G5E897
81.182	0.0098253	1.3338	48515000	2	Q8CIG3-2
35.955	0	4.7466	139010000	9	Q6GV12
48.37	0	14.235	409290000	19	Q60749
76.775	0	39.626	1017400000	47	Q3U0V1
134.11	0	4.6951	157340000	6	Q8C2E7
195.81	0	11.664	204430000	30	Q9EQW7
80.169	0	11.931	93452000	1	P28741
117.02	0.0053558	1.7276	611600000	23	P33175
109.55	0	54.287	967760000	87	Q61768
61.449	0	32.288	400010000	30	O88447
28.742	0	30.688	292270000	8	Q9JM71
429.36	0.0034992	1.9438	266780000	8	P55200-2
47.898	0	98.386	2325600000	49	O08677-2
57.922	0	54.265	1060600000	52	O35343
59.964	0	31.681	702830000	38	O35345
97.183	0	268.63	8090300000	252	P70168
21.482	0	14.658	484180000	30	P32883-2
46.137	0	24.126	174230000	7	Q8K0Y2
52.862	0	323.31	5664200000	129	Q9ERE2
54.628	0	36.336	271730000	13	Q6IMF0
55.759	0	4.6707	53409000	4	Q9Z2T6
17.919	0	20.464	439010000	9	O08640
16.241	0	49.27	231480000	10	Q9QZU5
8.8225	0	26.499	307090000	6	Q925H6
6.6882	0	36.816	197040000	7	O08632
10.271	0	5.967	82138000	6	A2A591
9.5155	0	69.41	5016700000	37	Q9D3I6
6.6973	0.0016214	2.5149	231480000	13	O08633
143.2	0	7.1972	111420000	1	Q61595-6
37.804	0	4.4849	23249000	2	Q9CXA2
32.754	0	3.5773	173110000	9	Q99KR3
343.81	0	93.16	1383300000	93	Q60675
201.82	0	290.61	9407500000	232	P97927

404.05	0	323.31	2644800000	584	Q61001
197.09	0	12.089	804000000	21	P02469
196.58	0	323.31	4950900000	996	Q61292
177.3	0	323.31	2433400000	597	P02468
43.865	0	8.4082	194190000	5	P11438
45.655	0	6.7368	702770000	37	P17047-3
17.749	0	8.5039	205800000	11	Q9CQ22
9.6418	0	11.613	96251000	4	Q9D1L9
50.777	0	14.356	235750000	4	Q9JJK2
52.75	0	81.372	1229600000	53	Q9CPY7-2
134.19	0.0053537	1.7276	52072000	9	Q8BMJ2
29.994	0	25.606	664140000	40	Q61792
70.148	0	28.923	583410000	27	Q61233
70.75	0	156.04	7437800000	202	Q9JKS4-3
36.498	0	237.49	1812400000	342	P06151
36.572	0	183.59	5056900000	192	P16125
37.225	0.00042553	3.08	378470000	12	Q9Z1F6
57.506	0	28.954	548150000	34	Q6DVA0
81.7	0	14.264	83425000	17	Q8CG70
82.988	0	100.86	1893000000	58	Q9Z2I0
31.627	0	48.487	561530000	25	Q924L1-2
14.866	0	288.13	9470900000	343	P16045
27.515	0	18.872	999750000	22	P16110
64.49	0	3.6421	29704000	3	Q07797
49.372	0	12.622	247830000	16	O89017
81.286	0	3.6418	4344200000	2	P42703-2
100.67	0	12.59	469380000	25	Q3UH68-3
37.24	0	61.232	4535600000	152	Q99JW4
39.031	0	48.526	2965600000	72	Q91XD2
45.325	0	9.4756	124330000	6	Q9Z0M5
83.347	0	77.319	1749000000	62	P54310
57.788	0	42.814	1224000000	30	Q9D0F3
40.429	0	9.4525	428040000	25	Q9DBH5
40.996	0	231.47	1315500000	279	Q8VEE1
79.996	0	5.0375	293510000	3	Q8C3X8
74.237	0	323.31	6698900000	752	P48678
66.785	0	223.44	5925000000	192	P14733
67.317	0	39.149	1641000000	68	P21619
66.309	0	85.106	9977100000	249	Q8BVA4
117.3	0	16.938	755070000	49	Q8C129
105.84	0	60.64	1283100000	77	Q8CGK3

46.7	0	108.32	6433000000	124	P28301
66.506	0	277.22	30806000000	469	P97873
83.739	0	5.299	234260000	8	Q9Z175
53.109	0	3.5324	63271000	6	P11152
65.89	0	323.31	78388000000	813	Q8BFW7
504.74	0	156.85	7243400000	277	Q91ZX7
42.215	0	12.293	685390000	24	P55302
156.61	0	79.098	2149600000	82	Q6PB66
51.851	0	91.709	7338200000	137	Q9CXD9
39.06	0.0070475	1.4974	432270000	16	Q8BGI7
68.075	0	10.999	803510000	9	Q9CRC8
71.991	0.0027745	2.2276	273530000	7	Q8C031
34.877	0	48.694	2381500000	88	Q922Q8
71.302	0	46.213	1017800000	17	Q3UZ39-2
11.845	0.005723	1.7164	112450000	10	P62311
9.9374	0	3.4371	92892000	7	P62322
11.636	0	30.182	418970000	10	Q9CQQ8
69.05	0	148.78	4235400000	158	P24527
153.18	0	141.67	10944000000	228	Q8CG19-2
195.83	0.00043478	3.3138	282010000	4	O08999
134.36	0	8.2802	419430000	27	Q61810
171.3	0	323.31	45626000000	862	Q8K4G1-2
38.611	0	3.9091	34584000	4	Q7TNC4-2
51.45	0	53.25	271750000	16	Q5SUF2
38.265	0	319.47	1.3182E+11	713	P51885
25.492	0	23.982	1270500000	18	P70202
14.377	0	7.8344	257140000	18	P05533
14.192	0	4.4497	377140000	9	POCW02
23.367	0	118.96	3038800000	92	P97823-2
24.794	0	64.718	874990000	38	Q9WTL7
10.391	0.00043745	3.3863	32755000	5	Q91V16
31.172	0	29.174	920270000	20	P24668
831.87	0	25.172	893100000	17	Q9QXZ0
35.294	0	36.916	1429500000	32	Q922B1
115.69	0	34.374	468550000	39	Q91W89
20.373	0	6.9	746460000	28	Q9CXI5
59.601	0	32.635	435530000	19	Q64133
58.557	0	78.235	2659800000	75	Q8BW75
300.14	0	43.73	1569900000	58	Q9QYR6
270.25	0	144.08	7097600000	208	P14873
14.272	0	3.5532	515510000	16	Q91VR7

14.617	0	5.1098	702570000	25	Q9CQV6
102.94	0	6.5594	182910000	22	Q8C052
43.474	0	42.102	863170000	38	P31938
35.836	0	5.324	84738000	7	O09110-2
44.113	0	5.1753	170280000	2	P47809
146.41	0.0081061	1.4339	210140000	10	E9Q3S4
113.65	0	63.902	2739400000	108	P27546-3
32.803	0.00082102	2.6628	199490000	12	Q7TSJ2-3
89.309	0	12.444	415620000	30	A2AJI0-2
41.275	0	69.159	1807200000	42	P63085
32.327	0.00043178	3.2317	99126000	2	P47811-4
43.066	0	25.034	570380000	14	Q63844
30.016	0	39.497	1206000000	60	Q61166
36.07	0	25.529	421780000	14	Q8R001-2
31.966	0	10.395	258010000	17	Q6PER3
101.43	0	3.9072	104380000	4	Q68FL6
19.086	0.0063934	1.5943	138720000	9	Q7TQJ1
43.688	0	5.8935	97217000	2	Q3THS6
94.629	0	295.55	2929600000	106	Q8K310
53.398	0	34.521	773550000	33	Q8VCF0
17.069	0	46.722	477240000	44	P04247
25.45	0.00042176	2.9705	32261000	2	Q9Z2E1-2
25.396	0	15.16	501200000	13	P39039
25.957	0.00041754	2.845	37736000	10	P41317
36.975	0	12.885	818600000	38	Q9JKP5
53.435	0	9.0025	82986000	4	Q8CHK3
21.502	0	76.781	954490000	16	P04370-4
66.9	0	114.65	12709000000	153	Q8R2Y2-2
79.343	0	21.758	1020100000	33	Q99MR8
61.378	0	78.845	941660000	37	Q3ULD5
19.017	0	7.5184	252140000	6	Q9D1I5
16.168	0.0045977	1.7376	121400000	15	Q8K5B2
2.3277	0.0035211	2.0199	104720000	11	P21843
27.203	0	46.761	4650800000	85	P21812
23.901	0	14.571	323200000	16	Q3UMR5-2
36.511	0	156.46	10138000000	187	P14152
35.611	0	220.34	28312000000	356	P08249
18.582	0	27.535	347110000	21	Q9D967
63.953	0	236.53	5307400000	167	P06801
52.307	0	13.873	1051600000	43	Q9Z2D6
40.342	0	101.17	1318600000	44	Q9DCS3

164.72	0.0063814	1.5754	67845000	8	Q80V70
33.692	0	5.2969	221190000	8	Q91VH6
52.921	0	12.777	150970000	6	O08663
20.578	0	5.306	1033800000	20	P55002
28.937	0	164.71	48863000000	210	Q9D1H9
18.538	0	17.545	2625600000	70	Q9QZJ6
47.169	0	272.33	25578000000	341	P21956-2
68.937	0	4.097	153190000	1	Q80U63-2
33.387	0	40.605	1367000000	37	O35678
12.359	0	31.032	679190000	20	P19788
17.551	0	34.23	762150000	25	Q91VS7
16.958	0	7.7037	185410000	9	Q9CPU4
108.69	0	40.99	545220000	32	Q8VDP3-2
110.07	0	5.4242	531490000	14	Q8BML1
55.721	0	3.9843	85605000	9	Q8BGT6-2
12.504	0	77.053	7177400000	117	P34884
8.5669	0	47.791	820960000	16	Q7TNS2
32.342	0	3.5043	157700000	12	Q6ZQI3
45.932	0.00042463	3.0467	86177000	7	Q8C7H1
14.677	0.0067365	1.562	29163000	1	Q8K273
97.458	0	10.547	97491000	4	Q9D071-2
60.235	0.0077634	1.4743	391490000	1	Q61884
91.83	0	4.5659	88478000	7	Q80UM7
6.6979	0.0027734	2.2205	756410000	21	P56379
12.454	0	177.34	1417800000	33	P63030
14.286	0	18.685	2285000000	86	Q9D023
52.227	0	20.409	348910000	13	P70290
33.097	0	6.7839	184820000	7	Q99J99
27.621	0	34.138	2334600000	32	P27573
164.98	0	48.707	1164600000	42	Q61830
167.07	0	20.542	220740000	31	Q64449
38.522	0	18.355	270830000	4	Q8VCJ6
39.41	0	8.4501	281190000	3	Q9CQT1
21.708	0.0080972	1.4322	134280000	1	Q9DB15
11.101	0	26.731	1042800000	20	Q9CQX8
93.191	0	36.735	412730000	33	Q9WUX5-2
67.766	0	323.31	33981000000	620	P26041
21.55	0	9.4935	253640000	13	Q9D6Y7-3
26.832	0	21.607	1236100000	31	Q8BU85
31.062	0	42.111	1946800000	78	Q9CQ65
38.194	0	25.14	719800000	39	Q922Q1

7.7662	0	7.6851	1789000000	16	P03930
33.499	0	152.04	5292600000	115	Q791V5
25.976	0	125.57	16372000000	115	P00405
31.726	0	8.4062	247440000	3	Q9CWE0
101.2	0	28.847	915400000	51	Q922D8
105.73	0	17.633	216060000	14	Q3V3R1
51.881	0	5.0315	62643000	1	P03911
68.474	0	4.955	140890000	26	P03921
288.79	0	5.7765	123330000	2	Q9JLN9
12.861	0	60.624	4433200000	99	P62774
35.623	0	5.7649	75017000	7	P47802
29.758	0	56.191	905030000	39	O88441
165.3	0	212.05	7244200000	234	P28665
20.762	0.0008244	2.7303	101470000	5	A2BIM8
82.843	0	14.325	454600000	16	P16332
95.923	0	89.4	3174000000	107	Q9EQK5
35.284	0	37.042	579430000	24	O35682
152.04	0	68.577	916260000	50	Q7TPV4
11.97	0	5.24	166060000	13	Q9EQS3
28.683	0	5.5162	80750000	11	P22366-2
42.722	0.00042662	3.11	103360000	3	Q9JK81
228.99	0	323.31	31431000000	681	Q61879
227.03	0	323.31	7.6441E+11	4868	O08638
223.26	0	18.994	277080000	73	O08638-2
227.76	0.00042159	2.9685	3226100000	30	Q6URW6-2
222.86	0	323.31	4766000000	140	Q5SX39
226.37	0	323.31	13723000000	369	Q8VDD5
20.594	0	127.24	3569900000	59	P05977
19.779	0	45.918	4746400000	60	Q3THE2
16.93	0	320.72	1.2027E+11	437	Q60605
16.961	0	102.08	4221400000	47	Q60605-2
19.854	0	323.31	52355000000	471	Q9CQ19
113.7	0	323.31	38499000000	659	Q6PDN3-3
194.04	0.00043783	3.4032	100390000	2	Q9JMH9-5
118.69	0.0031521	2.1124	87084000	1	O88329
121.94	0	323.31	29376000000	534	Q9WTI7
116.08	0	35.299	1031100000	64	Q5SYD0
222.44	0.0074019	1.4809	115270000	8	Q9QY06-3
233.32	0	78.299	4024100000	200	Q69ZN7
11.95	0	34.215	267080000	13	P01668
12.374	0.0016155	2.4559	19349000	3	P01786

36.595	0	29.453	5712700000	66	P01864
36.875	0	37.416	480370000	14	P01878
36.228	0	12.708	867510000	27	P03987-2
33.471	0	11.015	253290000	21	Q8BR90
35.316	0	8.6343	445040000	14	Q8C3W1
34.995	0	13.237	567200000	32	Q91V76
22.983	0	5.8996	140030000	7	Q6SKR2
100.96	0.0004268	3.1138	58976000	5	Q80UM3
82.8	0	19.371	798160000	31	Q9CZR2
23.384	0	23.727	634210000	31	Q60817
60.273	0	6.1254	117930000	17	Q8VBW6
47.234	0	27.059	496770000	27	Q9QWR8
55.446	0	24.484	750800000	32	Q99KQ4
45.345	0	18.611	1315400000	64	P28656
42.679	0	42.475	993030000	47	Q78ZA7
33.189	0	13.477	555000000	29	Q9DB05
34.732	0.0012195	2.5349	177770000	8	Q9CWZ7
58.265	0	9.839	220340000	13	Q8CC86
64.279	0	18.008	389840000	26	Q8BP47
22.245	0	6.5691	139890000	25	Q91X97
80.405	0	29.927	1566500000	56	P13595-3
45.739	0.0016207	2.5108	203850000	2	Q8BLF1
118.52	0	44.989	882860000	36	P28660-2
76.722	0	97.494	3040400000	76	P09405
62.907	0	9.3234	173150000	21	Q8VCM8
43.008	0	76.691	1787100000	46	Q62433
39.28	0	155.07	3915500000	112	Q9QYG0-2
8.1384	0.00042772	3.1432	94808000	3	O35683
40.603	0	72.178	3424000000	111	Q99LC3
14.982	0	4.8396	163190000	10	Q9D8B4
17.086	0	25.608	1069100000	50	Q7TMF3
16.859	0	11.055	886490000	34	Q9ERS2
10.916	0	7.0944	234200000	13	Q9CQ75
9.3308	0	7.2953	607400000	20	Q9CQ91
9.3267	0	28.156	2915200000	40	Q62425
13.36	0	12.681	303280000	15	Q9CPP6
15.283	0	15.786	855870000	38	Q9CQZ5
19.992	0	56.41	2344600000	85	Q9DCJ5
42.525	0	82.792	2166200000	86	Q9DC69
20.082	0	9.7874	90473000	8	Q9D1H6
42.524	0	3.7244	28264000	1	Q9CWG8-2

6.954	0	18.081	1407100000	49	P0DN34
21.024	0	53.093	1004800000	32	Q9DCS9
11.692	0	7.2229	362050000	16	Q9CQZ6
15.081	0	30.525	803790000	18	Q9CQC7
21.71	0	7.9939	210470000	15	Q9CQH3
15.515	0	7.1233	238260000	5	Q3UIU2
16.331	0	9.7686	427680000	19	Q9CR61
21.984	0	14.752	943290000	38	Q9CQJ8
14.164	0	57.679	1129400000	34	Q9CQ54
79.776	0	171.34	4432900000	130	Q91VD9
52.625	0	69.062	3000000000	96	Q91WD5
30.149	0	65.742	1815500000	83	Q9DCT2
19.784	0	21.527	783270000	29	Q9CXZ1
12.648	0	27.959	1062700000	40	Q99LY9
13.02	0	26.351	493340000	27	P52503
24.683	0	30.707	775130000	10	Q9DC70
24.038	0	27.041	1505700000	51	Q8K3J1
50.834	0	65.787	3118900000	88	Q91YT0
27.285	0	26.196	863460000	23	Q9D6J6
11.813	0.0070423	1.4943	57891000	1	Q8BK30
31.113	0	22.704	339550000	11	Q9DC07
102.71	0	71.412	2849000000	114	P46935
8.9723	0	9.5619	912830000	40	P29595
95.915	0	71.902	268290000	11	P08553
66.275	0.0042487	1.8597	2600100000	27	Q922L6
201.77	0	24.355	318440000	23	Q6P5H2-2
72.107	0	4.6751	250700000	17	Q7TPW1
47.471	0.0035294	2.0459	68944000	5	P97863-3
47.775	0	13.191	104810000	7	P70255-2
44.637	0	21.283	295290000	11	P70257-2
28.567	0.00042608	3.1009	193220000	7	Q9QZ23
71.415	0	19.523	219440000	10	Q8CHT1-2
14.173	0	23.827	515480000	13	Q9D0T1
136.54	0	214.84	10405000000	251	P10493
153.91	0	77.896	2327700000	110	O88322
41.745	0	9.8897	157190000	30	Q9EQ80
16.555	0	21.747	356660000	7	O70131
31.886	0	25.085	732880000	46	Q8VDK1-2
30.501	0	52.336	70507000000	84	Q9JHW2
107.83	0	16.752	236710000	8	Q3TL44
17.208	0	19.433	739640000	28	P15532

17.363	0	100.64	1141300000	280	Q01768
19.099	0	5.5375	57244000	2	Q9WV85
34.376	0	9.8887	106640000	3	Q8K2T1
56.888	0	18.758	632670000	18	O70310
113.84	0	105.42	4012400000	177	Q61941
54.54	0	131.97	1571700000	56	Q99K48
60.342	0	16.113	251650000	21	Q6DFW4
244.25	0	3.8101	76978000	14	Q61982
38.928	0	21.44	718980000	27	Q64299
55.939	0	27.324	375550000	9	Q6NSR8
103.32	0	87.712	1948200000	71	Q11011
32.56	0	78.436	2034500000	73	Q61937
64.944	0	28.95	453550000	15	Q91V88-3
67.061	0	198.52	18017000000	341	Q91V88-4
30.821	0	13.71	1480800000	53	P97300-3
30.959	0	42.262	924710000	49	Q64669
26.248	0	11.963	422280000	21	Q9JI75
82.613	0	37.691	803290000	48	P46460
40.709	0	26.353	459850000	20	Q9CZ44
23.076	0	119.43	1301600000	41	Q9JM14
63.864	0	5.7513	210410000	8	Q61503
67.81	0	24.582	1391200000	67	O09118
53.408	0	25.642	734550000	40	Q02819
50.304	0	4.8178	162780000	17	P81117
38.358	0	11.593	636610000	24	O35685
18.593	0.0057186	1.7105	145150000	15	P0C028
21.825	0	3.5897	159030000	9	Q6P3D0
35.693	0	8.9773	46732000	12	Q3U2V3
26.24	0	15.011	630740000	52	Q9CQF3
35.197	0.0053476	1.725	660610000	16	Q8CH40
18.648	0.00042391	3.0135	23457000	2	Q99P30-5
235.63	0	8.5613	343860000	18	E9Q7G0
128.62	0	5.6426	190920000	3	Q8R0G9
155.12	0	11.187	107750000	9	Q99P88
94.529	0	4.9092	34214000	1	Q9Z0W3-2
93.28	0	13.388	168480000	10	Q8BJ71
14.478	0	133.79	3131600000	75	P61971
203.07	0.0060675	1.6698	977790000	10	Q5DTZ0
48.354	0	180.85	7200600000	200	P29758
20.848	0	7.4642	139020000	17	Q9CRD0-3
116.45	0	323.31	24421000000	613	Q60597

34.012	0	323.31	1.3698E+11	461	Q62000
44.729	0	45.782	2347100000	76	Q9CZ30
49.745	0.0077691	1.4775	2584500000	5	O35103
111.34	0	75.463	1502000000	48	P58281
23.895	0	7.6609	289420000	19	Q60590
61.67	0	34.802	472040000	28	Q3B7Z2-2
83.628	0.00043516	3.3181	65219000	6	Q8CI95
96.965	0	18.455	309320000	15	Q9DBS9
71.527	0	5.6757	125070000	11	A2A8Z1-2
36.3	0	4.9139	135020000	5	Q8BWU5
16.815	0	3.7166	595770000	1	Q78XF5
23.782	0	22.857	1264100000	36	Q62422
31.27	0	40.722	2014200000	85	Q7TQI3
55.988	0	323.31	11647000000	285	Q9D0K2
58.213	0	7.8291	382380000	22	Q6P9R2
57.058	0	255.32	12200000000	285	P09103
37.971	0	14.284	731850000	34	P50580-2
70.67	0	39.645	2425100000	87	P29341
31.044	0	7.6269	163710000	5	Q8CCS6-2
55.832	0	32.2	1300300000	36	Q9WVE8
46.67	0	13.267	405330000	23	P63005
25.581	0	54.457	1709900000	61	Q61206
47.006	0	20.496	640640000	41	Q9DCL9
57.93	0	15.805	868510000	38	Q8CIN4
72.367	0	42.71	2701200000	64	Q9ET54-3
41.614	0.0035405	2.0819	189730000	2	Q9Z0P4
55.446	0.0064127	1.6149	84178000	3	Q8C0L6
138.9	0	9.4414	257560000	4	Q9EPX2
70.35	0	10.901	232810000	16	O88428
20.021	0	228.22	14904000000	231	Q99LX0
79.916	0	13.451	85397000	6	Q8BZ20
59.452	0	29.369	790510000	18	Q3ULW8-2
42.329	0	99.888	6954700000	165	Q9EPC1
41.669	0	15.949	103280000	9	Q9ES46
30.944	0	74.527	2045100000	35	Q925B0-2
183.66	0.003528	2.045	28103000	1	Q8BSQ9-2
81.163	0	138.92	2436800000	87	Q3TVI8
129.68	0	167.15	6119000000	207	Q05920
37.497	0	110.89	5588300000	95	P60335
34.917	0	27.795	1746900000	47	Q61990-2
79.921	0	60.624	953710000	59	Q91ZA3

58.408	0	55.298	1351700000	69	Q99MN9
70.527	0	65.233	1173000000	57	Q8BH04
24.634	0	110.01	2066200000	65	P23506
50.167	0	26.88	801810000	34	Q61398
56.494	0	18.915	380920000	26	Q9CQF9
54.874	0	9.6084	151790000	3	Q8C7K6
41.666	0	4.6546	47956000	2	P49586
24.715	0	16.604	647220000	17	Q8VE70
14.275	0	41.401	877840000	31	P56812
21.663	0	39.067	2311500000	91	P12815-2
96.023	0	171.74	5475100000	202	Q9WU78
23.277	0	6.8154	110690000	5	Q8BFQ8
124.51	0	64.268	1157200000	52	Q9Z0X4
98.406	0	8.5355	219720000	8	Q8CG03
122.8	0	14.335	599000000	17	P05622
43.231	0	192.57	5102400000	140	P35486
38.937	0	137.86	7622500000	157	Q9D051
53.998	0	7.7257	220620000	4	Q8BKZ9
56.678	0	323.31	27091000000	452	P27773
71.982	0	61.893	2465000000	103	P08003
59.266	0	9.6797	220090000	4	Q921X9
48.1	0	107.8	3623300000	150	Q922R8
48.994	0.00043573	3.323	32204000	1	Q8BFP9
46.04	0	12.221	120140000	5	Q9JK42
47.922	0	6.5476	793460000	12	Q922H2
35.774	0	323.31	21163000000	319	O70400
34.299	0	315.54	9836600000	218	O70209
35.556	0	114.1	2918800000	79	P70271
63.299	0	85.369	5905700000	153	Q8CI51
50.118	0	292.67	25725000000	384	Q3TJD7
61.18	0.00082372	2.7182	80962000	16	Q3UV70
150.33	0.00043141	3.2149	61518000	7	Q6A026
164.42	0	8.7775	401390000	16	Q4VA53
28.599	0	3.9923	5961400000	49	Q33DR3-3
78.542	0.000819	2.6129	130500000	3	Q99K01-3
35.015	0	38.956	1144300000	56	Q8K183
15.054	0	17.86	1028000000	41	Q62048
20.83	0	189.7	16940000000	201	P70296
69.823	0	11.371	535620000	2	Q08481-4
29.227	0	29.237	813480000	45	Q8BFY6
55.028	0.00043159	3.2235	124320000	15	Q11136

22.774	0	8.0629	109880000	5	Q8VCI5-2
66.805	0	4.1485	32469000	7	O09012-2
11.243	0	17.785	1585800000	81	Q9Z126
16.534	0	26.816	374120000	8	O70591
17.356	0	32.987	387740000	31	Q9WU28
14.454	0.0023847	2.2503	226960000	16	Q03958
85.359	0	64.785	1593300000	57	P12382
85.268	0	64.533	1627100000	63	P47857
85.454	0	221.12	4594600000	175	Q9WUA3
14.957	0	165.25	32217000000	372	P62962
28.832	0	157.17	11830000000	229	Q9DBJ1
53.247	0	107.51	3751800000	83	Q9DCD0
44.55	0	235.17	12683000000	345	P09411
27.254	0	173.37	7195300000	178	Q9CQ60
61.417	0	138.01	6443600000	144	Q9D0F9
68.747	0.00043048	3.1931	89233000	11	Q7TSV4
59.452	0	7.3891	154390000	5	Q9CYR6
62.219	0	323.31	48992000000	598	Q8BZF8
34.54	0	11.813	697340000	22	Q8CHP8
21.694	0	31.59	2166300000	68	O55022
23.334	0	6.277	339810000	8	Q80UU9
29.82	0	144.81	5776000000	124	P67778
33.296	0	46.794	2406300000	103	O35129
56.585	0	5.5411	71166000	9	Q61753
32.517	0.0070579	1.5047	51149000	2	Q9DB26
29.15	0	49.877	2475600000	66	Q8BS03
237.04	0	21.882	317550000	9	E9Q3L2
64.647	0	156.28	4082400000	98	Q7M6Y3-2
61.71	0	6.9077	123110000	3	Q6PD26
83.516	0.0053456	1.7231	59626000	1	P26450
18.37	0	6.4238	233560000	11	Q9QUR7
46.151	0.0067416	1.5654	33659000	9	O70172
32.066	0.0023828	2.2401	51076000	10	Q9D711
31.893	0	42.574	1000100000	48	P53810
31.487	0	5.6513	191680000	2	P53811
112.84	0	14.869	566130000	31	Q8K411-3
57.844	0	323.31	69451000000	786	P52480
57.984	0	37.514	7114700000	67	P52480-2
104.41	0.00042735	3.128	85396000	16	P70268
17.872	0	5.7932	28413000	3	Q8R3U1
85.221	0	54.811	623750000	25	P47713

133.33	0.00042265	2.9869	141260000	1	Q9Z1B3-2
139.49	0	30.797	419720000	19	P51432
85.872	0	125.82	4715000000	156	Q8R3B1
533.5	0	323.31	12567000000	496	Q9QXS1-2
90.807	0	74.004	2763500000	100	P20918
55.595	0	271.12	8166300000	185	Q8CGN5
47.262	0	88.425	1930300000	83	Q9DBG5
139.41	0	282.98	8999300000	235	O88492
84.921	0	5.2015	147520000	6	Q9R0E1
16.607	0.00042827	3.1526	401440000	8	Q9R1Q7
70.741	0	323.31	30431000000	464	Q99K51
31.802	0	3.5141	170710000	4	Q9JIZ9
59.616	0.00043917	3.4198	115410000	11	Q9DC11
206.23	0	16.481	311640000	11	B2RXS4
93.262	0.00043937	3.4261	90746000	8	Q60953-2
58.278	0	25.934	836080000	19	Q9DC61
82.435	0	4.7599	90448000	5	O35691
32.277	0	40.226	1302600000	62	P23492
68.717	0	23.464	793460000	30	Q7TQ62
49.429	0	5.35	137710000	9	Q8VHI3
46.379	0	11.802	146710000	16	Q8BYB9
17.143	0	3.6275	184740000	16	Q923G2
39.565	0	7.726	107020000	11	P52430
39.617	0	17.749	275190000	29	Q62086
39.351	0	60.972	2323300000	85	Q62087
77.043	0	52.977	2396400000	93	P37040
89.986	0	323.31	2.0418E+11	1618	Q62009-3
87.098	0.00042499	3.0598	978170000	18	Q62009-5
32.667	0	38.081	1359200000	48	Q9D819
38.114	0	18.452	746290000	12	Q91VM9
17.971	0	309.55	85419000000	440	P17742
23.713	0	61.234	5868300000	147	P24369
22.794	0	7.3941	498250000	26	P30412
40.742	0	15.473	648060000	39	Q9CR16
204	0	5.2147	228380000	14	Q9R269
42.888	0.00042248	2.9835	98181000	16	P36993-4
42.256	0	11.175	364130000	23	Q8BVQ5
37.54	0	11.612	475650000	14	P62137
37.186	0	259.9	12795000000	279	P62141
36.983	0	6.3919	82346000	3	P63087
111.81	0	150.28	9416000000	190	Q9DBR7-2

109.05	0	11.159	488510000	13	Q8BG95
84.684	0	19.555	310680000	9	Q3UMT1
16.649	0	59.125	4231400000	76	Q91VC7
41.291	0	59.983	1174300000	50	Q3UM45
35.608	0	53.639	1830500000	46	P63330
65.322	0	219.46	10591000000	406	Q76MZ3
51.691	0	35.226	717800000	35	Q6P1F6
36.71	0	54.082	2058500000	71	P58389
56.346	0	8.4112	158380000	6	Q6PD03
52.817	0	18.379	382640000	23	Q60996-2
35.159	0.002004	2.3458	101350000	2	Q9CQR6
56.752	0	4.0598	26807000	7	Q922D4-4
34.49	0	34.706	684690000	42	O88531
19.478	0	7.3057	298080000	23	Q9JIG8
22.176	0	126.06	20435000000	343	P35700
21.778	0	128.55	7452700000	170	Q61171
28.127	0	41.218	2210800000	60	P20108
31.052	0	52.991	3196600000	77	O08807
17.015	0	135.57	9311100000	211	P99029-2
24.87	0	303.85	10994000000	234	O08709
43.292	0	323.31	1.0067E+11	1022	Q9JK53
80.751	0	19.059	347460000	20	Q9QUR6
63.928	0	15.152	426710000	31	Q5EG47
39.802	0	9.6618	477640000	28	P05132-2
37.52	0	28.624	600340000	22	O54950
43.185	0	31.737	976600000	40	Q9DBC7
45.389	0	33.394	418340000	32	P12367
46.167	0	55.874	656720000	15	P31324
76.851	0	13.748	79315000	5	P20444
77.546	0	18.485	366670000	21	P28867
27.853	0	114.51	12795000000	176	Q91VJ2
58.792	0	19.846	361230000	14	O08795
77.789	0	66.347	1391600000	82	P0C605-2
34.371	0	5.8702	68205000	2	Q9WTX2
51.818	0.0038745	1.899	21736000	6	P33587
27.189	0	8.6676	195100000	13	Q64695
30.048	0	35.878	758910000	31	Q9Z2Y8
55.238	0	20.406	454600000	20	Q99KP6
273.61	0	34.303	924650000	55	Q99PV0
52.686	0	91.708	731740000	40	P15331-3
34.834	0	27.638	577740000	35	Q9D7G0

39.431	0	25.154	429220000	24	Q9D0M1
46.297	0	7.4717	91331000	2	Q3UPH1
61.422	0	30.89	2195600000	110	Q61207
37.425	0	12.728	524960000	28	Q99JF8-2
29.546	0	99.351	3186400000	90	Q9R1P4
25.926	0	45.816	1967200000	75	P49722
28.405	0	6.8405	1078000000	36	O70435
29.47	0	100.88	1498100000	35	Q9R1P0
26.411	0	80.64	2031100000	55	Q9Z2U1
27.372	0	23.282	1536200000	82	Q9QUM9
27.855	0	30.045	1901900000	57	Q9Z2U0
26.372	0	76.256	3271100000	82	O09061
22.906	0	63.027	2473500000	57	Q9R1P3
22.965	0	17.458	777680000	48	Q9R1P1
29.116	0	14.993	493570000	31	P99026
28.532	0	28.096	264070000	20	O55234
25.378	0	11.481	686120000	24	Q60692
29.891	0	9.1907	472660000	21	P70195
49.184	0	26.913	837380000	45	P62192
48.647	0	18.385	1181400000	34	P46471
49.548	0	82.727	1915900000	63	O88685
47.408	0	98.049	2322100000	79	P54775
45.626	0	57.674	1157000000	47	P62196
44.172	0	40.737	1350800000	61	P62334
105.73	0	49.369	1670200000	57	Q3TXS7
47.436	0	43.664	1991000000	90	Q8BG32
52.895	0	14.579	836550000	38	Q9D8W5
42.809	0	35.65	791470000	37	Q9WVJ2
34.577	0	70.878	1260500000	45	O35593
100.2	0	122.23	3316200000	182	Q8VDM4
60.718	0	28.475	408880000	33	P14685
40.703	0	12.742	451520000	7	O35226
55.971	0	28.086	1129200000	59	Q8BJY1
45.536	0	8.2363	258150000	13	Q99JI4
36.539	0	53.043	1792700000	89	P26516
39.93	0	12.092	519830000	28	Q9CX56
24.72	0	19.058	377900000	10	Q9CR00
28.673	0	92.066	4072500000	118	P97371
27.057	0	158.7	3064100000	120	P97372
33.104	0.00043725	3.3725	36099000	5	Q9JK23
56.477	0	225.62	6705500000	209	P17225

57.488	0.0070632	1.512	90707000	3	Q91Z31
77.795	0	7.4684	75206000	1	Q14C51
28.617	0	4.5498	143960000	2	Q60866-2
43.323	0	31.806	532450000	10	Q8BWM0
18.721	0	14.036	1925500000	42	Q9R0Q7
98.72	0.0035156	2.0083	68482000	4	Q9WV91
57.046	0	323.31	37593000000	532	O35074
35.56	0	8.254	175620000	13	Q91YR9
34.449	0	11.426	334650000	9	Q8VDQ1-2
69.042	0	10.97	952890000	15	P22437
11.43	0	3.4349	353580000	16	Q9D0J8
19.127	0	10.379	221160000	14	O70274
68.034	0	34.085	508300000	34	P35235-2
86.525	0	7.714	44691000	10	P35831
184.96	0	7.2781	82457000	3	Q6PB44-2
130.85	0	5.4691	13312000	2	P06800-6
43.953	0	323.31	40141000000	437	O54724
19.526	0	12.771	399260000	30	Q8R2Y8
54.028	0.00041946	2.9129	244040000	12	Q3UEB3-3
34.883	0	57.301	1038100000	50	P42669
165.1	0	14.652	219430000	20	Q3UQ28
60.811	0	71.062	1421500000	46	Q8VI36-2
96.729	0	168.53	8251600000	302	Q8CI94
97.462	0	145.49	846310000	41	Q9ET01
97.285	0	215.34	9313900000	330	Q9WUB3
87.676	0	83.115	2030700000	92	Q8BML9
25.57	0	24.606	1686800000	49	Q8BVI4
13.373	0	22.137	827780000	32	Q8R404
35.226	0	3.4799	111530000	4	Q9QYS9-8
22.541	0	7.4031	1498600000	43	P61027
24.489	0	86.529	1493600000	43	P46638
27.328	0.00041597	2.8139	105080000	12	P35283
23.897	0	36.507	1900400000	30	Q91V41
23.035	0	11.953	388830000	35	P35293
22.677	0	45.53	2513500000	104	P62821
22.187	0	18.197	631420000	55	Q9D1G1
24.106	0	17.466	1113100000	30	P35282
24.56	0	3.6087	81549000	16	Q99P58
23.547	0	16.094	546620000	13	P53994
29.1	0.00042918	3.1654	165840000	11	Q64008
23.025	0	127.86	704370000	20	Q6PHN9

23.598	0	14.942	321810000	7	Q9CQD1
23.707	0	41.825	2132100000	80	P61021
23.412	0	34.501	772530000	32	P35278
23.461	0	11.643	554410000	29	P61294
23.489	0	86.812	1766700000	95	P51150
23.668	0	9.5674	217980000	5	P55258
23.603	0.00043764	3.3944	112920000	5	P61028
21.45	0	51.781	8934600000	143	P63001
43.512	0	26.29	816580000	17	P54728
23.553	0	3.4492	678020000	18	P63321
31.198	0.0012235	2.5706	120160000	5	Q64012-2
24.423	0	44.216	3149100000	67	P62827
23.596	0	32.863	1445800000	34	P34022
341.12	0	17.142	263790000	16	Q9ERU9
63.53	0.00081967	2.6538	27378000	6	P46061
20.987	0	15.535	1247800000	35	P62835
20.825	0	198.18	8528900000	148	Q99JI6
20.745	0.0023876	2.2632	22042000	3	Q8BU31
18.349	0	11.506	580880000	15	Q9DD06
75.673	0	43.996	2154800000	95	Q9D0I9
79.381	0	7.8069	64452000	9	Q9CW46
47.655	0	20.175	672380000	46	Q60972
47.789	0.0060813	1.6824	160590000	2	Q60973
20.911	0	45.619	4785500000	82	O88851
69.448	0	5.1052	36243000	6	Q8C2Q3
106.08	0.0094925	1.373	218350000	10	Q8R3C6
99.551	0.00043497	3.3146	316360000	9	B2RY56
16.604	0	54.923	1700100000	40	O89086
58.683	0	13.552	255810000	17	Q8VH51-2
42.161	0	5.2376	205550000	16	Q91VM5
15.846	0	107.88	8040500000	190	Q00915
23.206	0	6.0923	153690000	15	Q00724
21.816	0	52.4	2350900000	67	Q9WVB0
22.462	0.0042471	1.8529	179860000	8	Q8VC52
44.93	0.0023904	2.2756	66662000	11	Q8VE37
37.27	0	15.689	162430000	9	Q8BP92
38.001	0	58.708	1185200000	41	Q8BH97
35.147	0	6.6248	198450000	11	Q9QYF1
36.365	0	7.325	94860000	7	Q9ERI6
68.542	0	20.18	290660000	29	P26043
21.05	0	14.491	619720000	17	Q60870

26.738	0	13.142	172730000	12	Q9D8S4
27.61	0.0067214	1.5468	451080000	10	Q99PG4
21.782	0	90.048	10011000000	186	Q9QUI0
22.123	0.0012205	2.5426	238460000	13	P62746
22.006	0	3.7044	603280000	8	Q62159
22.645	0.0063742	1.5716	11630000	3	Q8R527
72.241	0	9.533	539950000	35	Q8BG51
47.323	0	27.713	328670000	24	Q9JJC6
35	0	5.5579	176040000	18	Q9DCV4
52.028	0	36.994	314060000	16	Q3UUU9
17.024	0	7.9265	239820000	16	Q9JJH1
49.816	0	238.26	5247100000	194	Q91VI7
72.415	0	50.559	1009500000	46	Q8VCT3
158.04	0	64.51	2562600000	110	P70335-2
160.58	0	38.843	442050000	43	P70336
29.718	0.0035377	2.0748	87679000	3	Q62193
24.945	0	10.716	161680000	1	Q8VEE0
24.604	0	57.628	2457500000	73	Q6ZWW3
24.916	0	34.403	2336800000	68	P53026
20.252	0	14.959	505040000	16	Q9CXW4
17.804	0	67.3	2161700000	55	P35979
24.305	0	40.299	4054300000	100	P47963
23.464	0	3.7612	953420000	25	P19253
23.564	0	20.086	2125900000	66	Q9CR57
24.146	0	27.33	2055300000	94	Q9CZM2
21.423	0	42.788	2911100000	62	Q9CPR4
21.644	0	16.341	978470000	39	P35980
20.732	0	6.3617	405920000	32	P62717
23.466	0	14.12	336650000	31	P84099
18.562	0	24.092	1049100000	21	O09167
14.759	0	35.447	935820000	33	P67984
14.865	0	13.058	1958400000	21	P62830
17.695	0	13.913	929870000	46	P62751
17.779	0	14.413	2313500000	79	Q8BP67
17.258	0	4.8057	802320000	19	P61255
15.798	0	7.3562	681680000	30	P61358
16.605	0	15.655	1967000000	49	P14115
15.733	0	4.8082	513950000	3	P41105
17.587	0.0023923	2.2887	350640000	18	P47915
46.109	0	46.167	2822000000	105	P27659
12.784	0	21.046	455030000	17	P62889

14.463	0	3.8687	1732000000	16	P62900
15.86	0	16.067	1173800000	52	P62911
13.293	0	3.7996	643970000	9	Q9D1R9
14.552	0	7.7336	429360000	16	Q6ZWW7
12.554	0.00082474	2.731	510270000	27	O55142
12.215	0	4.9944	700870000	17	P47964
10.275	0	9.9858	296240000	2	P61514
8.2038	0	9.969	353410000	34	Q9JJI8
6.4066	0	8.0745	871390000	25	P62892
47.153	0	93.495	9596700000	250	Q9D8E6
34.4	0	28.036	1980000000	64	P47962
33.509	0	26.006	2460500000	111	P47911
31.419	0	34.89	2752600000	130	P14148
29.976	0	50.112	3394900000	140	P12970
28.024	0	55.2	2025800000	33	P62918
21.881	0	22.577	719730000	32	P51410
34.216	0	82.425	4088400000	130	P14869
11.475	0	145.93	5992100000	77	P47955
11.651	0	93.172	4188600000	105	P99027
68.527	0	148.9	4756000000	202	Q91YQ5
69.062	0	298.1	5500700000	104	Q9DBG6
18.916	0	23.217	1270800000	51	P63325
18.431	0	7.3852	830790000	40	P62281
14.525	0	46.167	1375000000	97	P63323
17.222	0	39.573	4490500000	152	P62301
16.273	0	23.736	688180000	26	P62264
17.04	0	188.5	2560500000	86	P62843
14.839	0	32.863	1783000000	56	P62245
16.445	0	4.5911	233690000	3	P14131
15.524	0	99.042	2397600000	36	P63276
17.718	0	13.409	2810300000	51	P62270
16.085	0	17.435	3117900000	54	Q9CZX8
31.231	0	27.781	1947000000	85	P25444
13.373	0	8.2635	887950000	49	P60867
9.1413	0	6.0343	230530000	1	Q9CQR2
15.807	0	7.0097	500240000	27	P62267
15.069	0	14.301	729310000	42	P62849-2
13.742	0	11.438	1107700000	40	P62852
13.015	0	13.773	658870000	41	P62855
17.951	0	61.399	6612600000	54	P62983
9.4771	0	6.3668	3198300000	21	Q6ZWY3

7.8409	0.006379	1.5744	205490000	1	P62858
6.6767	0	7.0277	384140000	14	P62274
26.674	0	25.646	1703400000	72	P62908
29.885	0	29.191	4152900000	139	P97351
29.597	0	45.992	3749500000	158	P62702
22.889	0	48.31	1808700000	78	P97461
28.68	0	15.941	660160000	14	P62754
83.693	0.0070764	1.5306	104500000	12	P18654
22.127	0	37.959	1681200000	84	P62082
24.205	0	72.018	3362800000	75	P62242
22.591	0	24.401	2944800000	75	Q6ZWN5
32.838	0	201.05	7070500000	169	P14206
33.566	0.00042481	3.0487	27657000	5	Q8K4Q0-3
33.279	0.0064199	1.6368	188430000	16	O88667
23.764	0	76.964	4990300000	107	P10833
172.88	0	160.18	3774400000	126	Q99PL5
31.55	0	221.06	30402000000	393	Q01730
39.254	0	6.5236	138440000	17	Q9D7H3
55.249	0	25.566	1224600000	50	Q99LF4
83.571	0.006739	1.565	341640000	13	Q8K0T0
22.239	0	3.8465	153350000	3	O70622-2
25.428	0	20.679	1151700000	13	Q9ES97-3
126.61	0	6.3483	90428000	6	Q99P72
38.403	0	64.614	3119400000	93	Q99P72-5
28.152	0	68.98	940030000	69	Q9CQE8
80.376	0.0070396	1.4927	116860000	1	Q8BIJ7
50.213	0	24.529	478490000	40	P60122
565.03	0.0084404	1.4106	210970000	1	E9PZQ0
10.505	0	6.8091	112510000	10	P56565
11.186	0	64.184	8378300000	112	P08207
11.083	0	285.76	18640000000	119	P50543
11.158	0	8.0499	218690000	8	P97352
11.747	0	10.581	354160000	12	P62818
11.721	0	46.715	74807000000	97	P07091
10.812	0.0067466	1.569	431970000	10	P63084
10.051	0	35.914	4202900000	46	P14069
48.234	0.00041982	2.9188	77391000	1	Q9D2C2-2
66.943	0	37.575	465120000	28	Q9EP69
38.62	0	18.452	832240000	43	Q9R1T2
111.84	0	3.6972	346340000	16	Q80YR5
74.934	0	74.305	1919900000	68	Q60710-2

51.863	0	27.204	875510000	41	Q8BGH2
22.371	0	25.065	1045500000	59	P36536
22.382	0	5.0502	190880000	7	Q9CQC9
58.388	0	35.603	1028400000	62	P26638
38.028	0	5.8412	166240000	5	Q8K021
30.191	0	19.252	179630000	5	Q8K299-3
54.043	0	34.232	359770000	21	O35114
47.129	0	28.002	392620000	27	Q8R127
72.322	0	21.815	842090000	32	Q8BRF7
9.2833	0	13.02	235690000	14	Q78YZ6-3
15.236	0	17.319	687190000	41	P32020-2
50.964	0	8.4169	191360000	17	Q920A5
46.325	0.0031546	2.1289	366420000	21	Q9CZC8
46.6	0	5.5592	181350000	3	Q8VCA8
108.98	0	21.56	1392800000	38	Q66PY1
72.585	0	308.82	7536000000	151	Q8K2B3
31.814	0	39.304	2712000000	105	Q9CQA3
18.382	0	9.5022	761710000	38	Q9CZB0
17.014	0	7.7867	304960000	15	Q9CXV1
46.763	0	39.846	3535400000	96	Q63918
20.626	0	9.7257	205390000	17	Q9R0P6
35.565	0	36.407	480990000	9	Q9D1M0
24.74	0	11.908	1045800000	60	O08547
86.161	0	79.983	2429200000	137	Q01405
86.436	0.00043668	3.3559	70927000	12	Q9D662
110.78	0	10.088	240940000	10	Q6NZC7
129.56	0	142.51	3571800000	162	Q3UPL0-2
108.64	0.0070606	1.5086	1118200000	20	Q3TZ89-2
52.264	0	27.798	659370000	30	P61620
52.513	0	170.82	7430700000	209	P17563
16.377	0	3.8379	98612000	4	Q8VHC3
74.22	0	11.774	297910000	1	Q9DBC0
22.292	0.00041667	2.8272	52352000	3	P62342
42.906	0.00041719	2.8416	133930000	4	Q8BH69
42.705	0	3.6083	139190000	15	P70274
48.964	0	13.918	74399000	5	Q8C1B7-3
41.525	0	198.24	6243900000	142	P42208
42.747	0	52.908	1041000000	38	Q9Z2Q6
48.763	0	39.317	730830000	38	Q9R1T4-2
50.549	0	117.08	5875500000	103	O55131
49.812	0	28.634	1489200000	21	Q8CHH9

64.774	0	72.02	3523600000	148	Q80UG5-3
25.678	0	20.417	380230000	12	Q9CY58-4
46.002	0	19.696	1024500000	29	P07758
45.974	0	46.437	3948800000	54	P22599
45.823	0	323.31	39329000000	416	Q00896
45.998	0	95.703	3618000000	106	Q00897
45.891	0	115.4	3686800000	101	Q00898
46.879	0	206.65	7868300000	145	P07759
47.064	0	22.699	10930000000	33	Q03734
46.717	0	17.778	305380000	16	Q91WP6
44.769	0.0020032	2.333	23723000	3	Q06770
42.574	0	3.7487	118670000	7	Q9D154
42.598	0	131.48	7647000000	207	Q60854
52.003	0	183.8	15143000000	265	P32261
54.496	0	16.265	733380000	32	P49182
44.207	0	140.12	9034100000	288	Q07235
46.233	0	83.502	2765300000	56	P97298
54.971	0.0070685	1.5193	91158000	17	Q61247
55.584	0	52.813	610330000	56	P97290
46.533	0	278.66	32669000000	337	P19324
32.105	0	22.02	520890000	23	Q9EQU5-2
40.506	0	9.0585	63656000	5	Q8VHL1
59.656	0	26.188	561520000	40	Q64213-2
88.544	0	6.0925	178000000	7	Q8K4Z5
49.911	0	8.7399	50571000	6	Q62203
145.81	0	13.297	422500000	21	Q99NB9
125.31	0	16.023	195280000	11	Q921M3-2
44.355	0.0035184	2.0117	228250000	13	Q8QZY9
27.706	0.0027712	2.2145	1057300000	11	O70456
75.441	0	45.703	1611700000	110	Q8VIJ6
35.412	0	30.464	1131800000	29	Q8C4U3
35.649	0	32.112	572570000	19	Q99JR1
35.406	0	191.71	8386800000	211	Q91V61
43.286	0	27.709	878410000	22	P82350
34.872	0	56.658	923140000	28	P82349
32.133	0	21.519	1657800000	55	P82347
49.735	0	111.19	3595500000	66	O70258
32.081	0	16.777	293120000	10	P82348
63.676	0.00041684	2.8313	85075000	9	Q8R0X7
34.194	0	7.6222	2809100000	13	Q8BJU0-2
12.811	0	99.986	5848400000	111	Q9JJU8

10.477	0	31.498	969570000	12	Q91VW3
60.323	0.0042455	1.8428	13571000000	29	Q7TSG5
41.518	0.0004329	3.2536	201580000	5	Q62419
40.855	0	18.863	478970000	14	Q9JK48
42.197	0	21.084	540850000	11	Q8R3V5-3
119.03	0.0023857	2.2534	230040000	12	O89032-3
55.42	0	17.072	337830000	25	Q9CZN7-2
72.512	0.0070501	1.4974	370330000	16	Q61079
26.518	0	8.8036	34856000	2	Q8VDQ8-3
117.64	0	3.946	233740000	7	Q9CZU3
18.672	0	24.472	1136200000	20	Q9WTX5
127.53	0.0004207	2.9341	125800000	3	Q924N4
58.482	0	13.881	152480000	6	P51912
33.931	0	44.857	1843300000	84	Q8JZU2
31.715	0	35.607	205630000	15	Q9QZD8
34.155	0	68.129	1347200000	66	Q9CR62
74.569	0	77.065	2404200000	81	Q8BH59
33.026	0	44.97	992750000	33	Q9Z2Z6
52.901	0	20.795	786520000	44	Q8BMD8
39.632	0	45.171	4549300000	136	Q8VEM8
32.904	0	305.74	34535000000	421	P48962
35.24	0	5.0664	140890000	14	Q8R0Y8
32.931	0	64.147	5987200000	102	P51881
33.689	0	47.714	128990000	5	Q5HZI9
71.275	0.0053496	1.7262	86426000	15	Q60714
50.076	0.00042141	2.9601	46048000	15	Q9JIM1-2
53.984	0	6.2635	33188000	4	P17809
58.336	0	5.6434	166460000	8	P10852
79.923	0	15.588	644820000	21	Q8BY89-2
94.233	0	323.31	11007000000	210	P04919-2
116.51	0	4.2163	285510000	7	Q8BTY2
167.73	0	8.8323	324930000	26	Q9WVB4
41.864	0	111.19	7385800000	145	Q3URD3-4
180.25	0	4.1103	202380000	2	Q6DICO
121.63	0	10.329	295630000	16	Q91ZW3
121.37	0	28.224	260250000	17	Q6PDG5-2
143.23	0	9.4516	209340000	25	Q9CU62
141.55	0	4.6093	28922000	8	Q9CW03
11.542	0.00041632	2.8208	55728000	2	Q9DB10
49.763	0	68.99	2200600000	79	Q8BLY1-2
89.876	0	17.196	106270000	15	Q6ZPR5-3

49.857	0.00042319	2.9956	68481000	2	P70158
51.599	0	3.445	54352000	15	P58242
100.29	0	323.31	27849000000	449	Q921U8
37.548	0	5.7266	239090000	23	Q3UKJ7-2
13.159	0	24.667	561030000	14	Q9Z0F7
102.09	0	83.157	2494500000	88	Q78PY7
244.54	0	82.827	742930000	43	Q6P4T2
19.79	0	7.9322	500640000	20	Q62376-2
31.835	0	11.91	315330000	15	Q62189
23.656	0	5.3473	616570000	39	P27048
25.323	0	22.202	286550000	12	Q9CQI7
13.281	0	11.439	1087700000	16	P62315
13.916	0	5.4933	335840000	29	P62320
10.803	0	6.5466	747840000	17	P62305
9.7251	0	8.3614	349870000	18	P62307
8.496	0.0038835	1.9336	225920000	12	P62309
53.664	0	54.911	851360000	20	Q61234
58.081	0	69.845	2514600000	117	Q99L88
56.381	0	33.157	2413500000	102	Q61235
58.951	0	16.062	773790000	11	Q9WV80
19.116	0.0016234	2.5217	289760000	34	O70493
52.797	0	4.1111	91504000	1	Q8BVL3
67.903	0	45.613	1939600000	89	Q91ZR2
58.47	0	34.054	426470000	9	Q9CWK8
18.757	0	4.2815	475090000	19	O70492
51.777	0	6.9992	50704000	10	Q91YJ2
46.797	0	11.563	208560000	21	Q9D8U8
46.648	0.0070843	1.5376	173130000	2	Q6P8X1
66.545	0	27.499	560610000	40	Q91VH2
15.942	0	21.586	12157000000	62	P08228
24.603	0	158.93	5253200000	111	P09671
27.392	0	230.38	32378000000	348	O09164
82.86	0	106.18	4091600000	144	Q62417-2
69.476	0	170.68	7595900000	185	Q3UTJ2-4
82.348	0	24.397	1319700000	33	Q9R1Z8
38.249	0	7.1171	349600000	29	Q64442
23.501	0	29.108	4312000000	99	Q99P68
125.35	0	4.3428	88221000	9	Q58A65-6
34.45	0	77.193	1493800000	55	P07214
72.286	0	6.6255	153820000	4	P70663
24.977	0	4.9719	122270000	4	Q9CYN2

90.82	0	12.382	608570000	13	Q8VCC9
27.883	0	59.208	3732200000	57	Q64105
279.86	0	289.85	3680600000	173	P08032
282.34	0	323.31	23995000000	904	P16546-2
245.25	0	250.88	3092800000	106	P15508
274.22	0	323.31	23630000000	762	Q62261
50.282	0	38.265	933560000	62	Q9R112
20.296	0	60.702	1869900000	95	Q6P069-2
33.995	0	7.0426	586630000	10	Q64674
12.51	0	7.0909	92351000	1	P16254
55.72	0	17.872	215870000	25	P14576
69.622	0	11.872	104280000	3	Q9DBG7
42.097	0	21.824	446190000	26	Q9R0M3-2
101.1	0	4.0408	144830000	12	Q52KI8-2
99.438	0	4.0547	478350000	7	Q99MR6-3
21.807	0	9.5416	296450000	10	Q6PDM2-3
22.222	0	10.973	259100000	19	Q9R0U0-3
25.476	0	18.372	451560000	18	Q62093
14.203	0	10.881	1056600000	22	P84104-2
39.025	0.00043706	3.3701	539100000	15	Q3TWW8
17.89	0	7.6676	285330000	16	Q8BL97-3
47.756	0	38.138	1099100000	46	P32067
17.319	0	18.865	171580000	11	Q9CYR0
23.858	0.0035019	1.95	87485000	14	Q62147
32.065	0	7.0147	626190000	16	Q9CY50
18.936	0	7.7465	148340000	9	Q62186
41.655	0	26.187	1846900000	57	Q99L47
46.127	0.0084497	1.4186	158810000	8	O88829-2
83.125	0	42.285	771100000	23	P42227-2
54.748	0	8.6692	228570000	10	Q8CI59
77.566	0	12.063	276480000	28	P70302
62.581	0	116.56	4170300000	144	Q60864
47.953	0	55.893	1332500000	71	Q99KH8
60.319	0	12.253	84227000	3	Q9Z1W9
31.375	0	47.422	2388800000	65	P54116
38.384	0	23.292	539110000	14	Q99JB2
81.792	0	17.097	35800000	4	Q8CDJ8
38.442	0.0067315	1.5511	110560000	9	Q9Z1Z2
66.59	0	18.78	251810000	9	P50427
80.597	0.0067139	1.5394	67360000	7	P46978
93.245	0	9.44	183130000	17	Q3TDQ1

31.195	0	47.201	513590000	20	Q9ER00
37.08	0	53.675	217650000	7	Q8BVI5
29.82	0	6.5567	157170000	11	O70439
67.568	0	13.978	811090000	50	O08599
61.678	0	37.548	1283500000	64	Q60770-2
50.113	0	91.286	3229300000	106	Q9Z2I9
36.154	0	117.96	6668000000	144	Q9WUM5
41.349	0	37.15	1270500000	73	Q9Z2I8-2
38.158	0	8.3715	172310000	11	Q9CX34
100.92	0.0031533	2.1215	118630000	1	Q8K007
84.67	0	12.161	332400000	14	Q9D666-5
78.178	0	93.867	2615700000	102	Q8BJS4-3
60.755	0	12.009	115450000	1	Q8R086
30.381	0	39.535	340300000	36	Q64310
90.641	0	55.416	2715400000	102	Q9DBX3
243.16	0	28.752	523750000	30	Q8K4L3
42.23	0	6.6962	72747000	3	Q9EPM5-3
62.672	0	29.325	1419900000	71	Q7TMK9-2
1009.7	0	98.491	854580000	54	Q6ZWR6-4
782.72	0	5.7768	293790000	5	Q6ZWQ0
140.87	0	4.2882	242340000	12	Q70IV5-2
96.249	0	48.095	1594500000	99	Q8CC35-2
116.53	0	323.31	16928000000	328	Q91YE8
22.576	0	323.31	3.8534E+11	1331	P37804
22.395	0	323.31	2.4244E+11	860	Q9WVA4
22.47	0.0020024	2.3317	1413100000	10	Q9R1Q8
37.387	0	28.413	2503200000	91	Q93092
46.62	0	17.331	607180000	14	Q9R233-2
44.547	0	27.665	1578600000	57	Q921F2
83.355	0	16.811	532190000	32	Q9D0R2
132.01	0	8.8923	57030000	8	Q60949-2
133.32	0	7.2747	79122000	9	Q8BYA0
33.88	0	4.9917	167480000	11	P10711
12.473	0	5.4259	411140000	35	P83940
13.17	0	32.377	1207000000	36	P62869
47.585	0	4.5338	53498000	4	O88968
60.448	0	120.91	4335500000	146	P11983
41.772	0	65.661	4441600000	98	P47226-2
76.723	0	323.31	31420000000	499	Q921I1
50.1	0	323.31	50878000000	592	Q62219
74.596	0	323.31	17133000000	339	P82198

77.06	0	323.31	34021000000	554	P21981
55.992	0	7.8645	57203000	6	P24529
129.65	0	85.168	2857300000	100	P35441
113.24	0	49.521	3050700000	131	Q3UTY6
38.884	0	4.5401	128260000	9	Q99J36
18.08	0	34.034	1407500000	26	P01831
10.458	0	14.926	834670000	8	P62075
51.091	0	10.883	144860000	14	O35857
39.776	0.0094891	1.3698	83882000	16	Q9D880
24.182	0	18.336	305110000	16	P39876
52.664	0	323.31	24251000000	367	Q99JR5
194.74	0	8.9206	475980000	18	P39447
67.63	0	323.31	29674000000	523	P40142
269.82	0	323.31	2.5261E+11	2582	P26039
253.62	0	48.32	683910000	39	Q71LX4
21.175	0	8.2538	111210000	14	Q921L3
24.911	0	21.41	1346100000	43	Q9D1D4
22.705	0	16.957	900230000	49	Q9R0Q3
27.127	0	14.94	261980000	18	Q99KF1
11.642	0.0057099	1.6934	308160000	2	Q9CQN6
6.775	0.0042357	1.8213	41614000	6	Q9CR64-2
11.655	0	12.366	224200000	8	Q5F285
44.783	0	174.19	4736800000	144	Q9DBS1
40.466	0	6.9576	106830000	2	P49813
39.502	0	78.161	1281000000	46	Q9JHJ0
42.65	0	82.95	3707000000	103	Q61029-2
75.167	0	7.4938	276790000	16	Q61033
5.0256	0	3.5393	85570000	4	Q6ZWY8
5.0526	0	52.644	4761400000	121	P20065-2
104.2	0	6.2859	100380000	11	Q8BRH0
31.395	0.00041771	2.8466	322780000	13	Q8VBT0
33.942	0	4.4741	38486000	3	Q9D710
37.131	0.0016162	2.4662	82245000	12	Q8C0L0
221.88	0	136.05	1704000000	37	Q80YX1-2
22.96	0	5.497	55017000	6	Q921Z5
101.31	0	27.135	866470000	54	Q8BFY9-2
100.46	0	4.7209	148460000	2	Q99LG2
104.17	0	21.196	449840000	26	Q6P2B1
149.5	0	93.948	3748400000	152	Q8CGB6-2
54.325	0	13.685	162560000	11	O88746
48.407	0	21.785	479910000	23	Q5SRX1-3

15.537	0	10.498	255300000	15	Q9CPQ3
34.28	0.00042017	2.9239	183420000	4	Q9CYG7-2
5.1161	0.0020072	2.3784	89647000	14	B1AXP6-2
67.589	0	19.511	535880000	29	Q9CZW5
172.79	0	4.4088	2700900000	16	Q01320
181.91	0	23.611	515170000	31	Q64511
58.415	0	6.9968	257130000	5	Q921T2-3
54.495	0.0087751	1.3837	76808000	1	Q8BYU6
37.817	0	3.5574	254330000	7	Q9ER41
43.813	0	4.4912	74761000	3	Q9ER38
20.059	0	4.4812	44983000	3	Q62393-2
24.043	0	20.441	1050200000	32	Q9CYZ2
32.191	0	142.26	20785000000	264	P17751
32.708	0	205.77	34287000000	466	P58771-2
29.02	0	32.482	13179000000	108	P21107-2
28.467	0	218.78	2838000000	64	Q6IRU2
61.341	0	106.42	984550000	21	O89023
23.574	0	3.6956	24166000	2	Q7TQD2
18.965	0	116.89	5532300000	136	Q9CRB6
273.99	0	14.939	190300000	15	F6ZDS4
29.814	0	12.953	105620000	7	Q9DBS2
19.556	0	4.4361	17219000	4	Q8QZZ7
19.462	0	42.153	3136600000	55	P63028
80.208	0	5.1679	129910000	4	Q9CQN1
16.441	0.0024	2.3206	41435000	12	Q9CQP2
20.302	0	4.6133	175310000	19	O55013
17.936	0	29.428	210650000	15	Q9D289
57.136	0.00041494	2.785	72432000	4	Q8BGX0-3
88.846	0	59.008	1228400000	43	Q62318
69.912	0	34.696	886570000	33	Q8C0E3
288.71	0	4.131	105280000	1	Q0KL02-3
62.566	0	28.536	4983100000	40	Q8CJ53-4
50.933	0	30.826	1405000000	37	Q9Z1Y4
14.141	0.0035088	1.981	194350000	10	Q9DCG9
49.895	0	12.363	141070000	13	Q8K1J6
26.201	0	26.421	410350000	23	Q62348
32.926	0	15.356	470620000	27	Q9QZE7
26.053	0	21.888	180600000	10	Q9DCK3
26.738	0	6.5462	158480000	6	Q8BJU2
18.841	0	105.95	1660200000	36	P50637
33.466	0	9.5156	405600000	32	P52196

267.46	0	3.5214	54128000	4	Q80XJ3
52.223	0	11.549	377110000	14	A3KMP2
74.042	0.00041736	2.8442	110230000	6	Q3UDE2
3906.4	0	64.577	1209900000	26	A2ASS6
15.776	0	143.17	4540400000	62	P07309
50.135	0	18.864	1836200000	47	P68369
50.151	0	323.31	90416000000	780	P05213
49.909	0	41.359	5392100000	42	P68373
49.924	0	12.964	509080000	7	P68368
49.953	0	80.406	4299900000	84	Q9CWF2
50.418	0	45.348	1767000000	59	Q9ERD7
49.585	0	44.232	317010000	12	Q9D6F9
49.83	0	323.31	1.4471E+11	1258	P68372
49.67	0	141.53	13081000000	186	P99024
50.09	0	50.313	1054100000	41	Q922F4
49.508	0	58.67	2715100000	89	Q8BFR5
40.079	0	4.7589	466460000	21	Q91YR1
39.311	0	18.501	215260000	19	Q9Z0P5-2
11.675	0	46.957	6932900000	116	P10639
18.255	0	5.5928	212530000	3	P97493
14.015	0	26.347	886050000	22	Q9CQM5
46.415	0	47.06	2389500000	114	Q91W90
32.237	0	13.101	639390000	37	Q8CDN6
54.544	0	26.303	861460000	42	Q9JMH6-2
27.815	0	8.5657	287180000	19	Q9D883
53.516	0	13.159	532020000	24	P26369
56.613	0	15.758	441550000	44	Q3TW96
117.81	0	323.31	19595000000	444	Q02053
70.568	0	4.9195	273630000	9	Q9Z1F9
44.325	0.0020105	2.387	112920000	11	Q8C878-2
44.789	0	16.936	586990000	9	Q8VE47
107.24	0.00082713	2.7629	113730000	15	Q80X50-2
16.735	0	33.054	1212100000	45	P62838
18.007	0	3.9617	209290000	8	P63280
22.406	0	5.3236	316020000	5	P61087
17.861	0	31.769	3009700000	54	P68037
17.138	0	50.65	4297700000	78	P61089
16.367	0	6.8114	923000000	50	Q9D2M8
123.97	0.0035266	2.0428	9192400000	17	Q80U95
118.2	0	4.4024	73242000	3	E9Q735
133.32	0	4.2716	18848000	2	Q9ES00

8.5468	0.0042438	1.8412	28720000	11	Q9EPV8
58.677	0	44.639	456480000	33	Q8R317-2
67.35	0.0004223	2.9799	68278000	1	Q9QZM0
570.29	0	15.972	382260000	15	A2AN08-3
33.572	0	37.792	439560000	24	Q922Y1
43.994	0	4.3072	202680000	1	Q99PL6-2
24.838	0	135.05	4838800000	103	Q9R0P9
26.151	0	5.1249	166870000	3	Q9JKB1
33.247	0	133.65	7665300000	136	P12242
19.481	0	10.675	1206200000	28	Q9CR09
34.481	0	11.804	551730000	31	P70362
9.1175	0	17.609	1017000000	24	P61961
54.831	0	23.281	649380000	24	O70475
176.43	0	85.832	2443900000	72	Q6P5E4
56.979	0	51.975	1256100000	54	Q91ZJ5
60.007	0	9.3279	69876000	8	Q62452
52.292	0.0045959	1.7318	35535000	1	P13439
103.45	0	144.37	3498500000	111	Q99KD5
122.66	0	16.815	651720000	46	Q9EPU0-2
7.4454	0	15.736	1168100000	19	Q8R1I1
6.5386	0	3.9431	1061400000	35	Q9CPX8
13.527	0	28.778	2250500000	44	Q9D855
52.851	0	236.4	8741800000	195	Q9CZ13
48.234	0	264.83	15694000000	310	Q9DB77
29.367	0	113.28	3846900000	104	Q9CR68
10.435	0	43.99	761640000	17	P99028
9.7681	0	80.737	3354600000	78	Q9CQ69
40.691	0	14.77	148590000	16	P70697
6.3814	0.00043309	3.2651	49469000	4	Q78IK2
100.19	0	24.783	540440000	19	Q9Z1Z0-2
56.001	0	11.037	624230000	23	Q9JMA1
109.22	0	4.7716	33802000	1	Q8R5H1-5
102.14	0.0035308	2.0559	1262900000	16	Q8C6M1
108.34	0	5.88	262170000	9	P35123
95.832	0	185.02	2850300000	120	P56399
127.99	0	7.4873	181520000	8	Q6A4J8-3
290.71	0	21.036	2328900000	37	P70398
88.047	0.0004363	3.3443	43175000	16	Q80WQ2
27.855	0	42.478	1134100000	55	Q9WV55
26.946	0	8.2551	643610000	34	Q9QY76
140.21	0	78.856	1520600000	48	Q9Z1Q9

72.26	0	13.643	157450000	12	Q9CZT5
39.666	0	82.623	3559000000	79	P70460
43.096	0	117.22	7339700000	185	Q62465
45.817	0.0094856	1.3619	21983000	1	Q80TB8
22.435	0	21.634	249450000	17	P61759
74.176	0	138.91	7515400000	124	Q62059-4
116.72	0	323.31	2.2172E+11	1671	Q64727
89.321	0	323.31	18044000000	559	Q01853
30.755	0	82.719	9663400000	165	Q60932-2
31.732	0	44.275	4284400000	103	Q60930
30.752	0	20.006	984960000	41	Q60931
53.687	0	323.31	5.8226E+11	2322	P20152
17.768	0	9.7368	173980000	13	Q9CRC0
19.778	0	3.5183	63237000	12	Q6TEK5
17.488	0	17.438	547530000	39	Q9CQ80-2
39.124	0	6.0696	153630000	11	Q8C0E2
25.452	0	9.2219	163380000	7	Q9D1C8
20.495	0	29.81	1138400000	40	Q9QZ88
91.712	0	135.31	3169200000	164	Q9EQH3
48.439	0.0016116	2.4304	24020000	6	Q8BWQ6-2
43.735	0.00042626	3.1031	172700000	8	Q91XD6
65.052	0.0035047	1.9686	46048000	1	P97390
48.906	0.00082508	2.7324	69868000	1	Q8VEJ9
49.419	0	22.941	972760000	46	P46467
33.913	0.00042301	2.9929	120710000	13	Q9CR26
54.848	0	37.769	1596200000	71	P29788
44.708	0	78.127	1958000000	61	Q8R2Z5
87.142	0	50.787	1275400000	82	Q99KC8
32.459	0.0067189	1.5433	4875200000	23	Q3UR50-5
213.42	0	7.335	171310000	5	Q8CC88
309.27	0	158.37	4041900000	136	Q8CIZ8
53.64	0	15.661	761930000	22	P32921-2
28.032	0	4.6056	232780000	11	P97765
66.406	0	323.31	17981000000	316	O88342
102.31	0.0035074	1.9765	164450000	12	Q8CGF6
33.772	0	48.245	305760000	13	Q9ERF3
100.58	0.0087912	1.3966	7026700000	19	P56695
27.095	0	54.028	4280900000	87	Q9Z0G4
146.56	0	20.767	379310000	25	Q00519
123.43	0	64.044	1165900000	46	O70373
69.59	0	4.4144	291010000	11	Q6P1B1

123.09	0	50.209	1387800000	60	Q6P5F9
43.838	0.0070816	1.5347	95912000	13	Q3U4G3
59.105	0	19.983	546540000	33	Q91WQ3
35.73	0	4.138	71591000	4	P62960
60.629	0.0084466	1.4151	129410000	7	Q04736
22.314	0	8.1242	220150000	5	Q9CQW1
27.854	0	312.47	7099300000	81	Q9CQV8-2
29.174	0	168.24	10016000000	169	P62259
28.302	0	239.61	9825900000	132	P61982
28.211	0	98.604	2233700000	69	P68510
27.7	0	323.31	15575000000	105	P68254-2
27.771	0	323.31	32705000000	420	P63101
32.841	0	17.268	566550000	12	Q9ESL4-3
131.6	0.0016188	2.4999	30880000	2	Q6ZPZ3-2
36.384	0	9.5057	16417000	2	P23950
57.232	0.0070527	1.5028	284820000	11	P16372
54.734	0	6.9516	184930000	12	Q80W54
88.062	0	9.5345	71610000	4	O54692
60.545	0	323.31	33207000000	406	Q62523

Protein names

Alpha-2-macroglobulin
Alanine--tRNA ligase, cytoplasmic
Alanyl-tRNA editing protein Aarsd1
4-aminobutyrate aminotransferase, mitochondrial
ATP-binding cassette sub-family A member 8-B
ATP-binding cassette sub-family C member 9
ATP-binding cassette sub-family D member 3
ATP-binding cassette sub-family E member 1
ATP-binding cassette sub-family F member 1
Alpha/beta hydrolase domain-containing protein 11
Monoacylglycerol lipase ABHD12
Alpha/beta hydrolase domain-containing protein 14B
Abhydrolase domain-containing protein 16A
1-acylglycerol-3-phosphate O-acyltransferase ABHD5
Abl interactor 1
Actin-binding LIM protein 1
Costars family protein ABRACL
3-ketoacyl-CoA thiolase A, peroxisomal
3-ketoacyl-CoA thiolase, mitochondrial
Acetyl-CoA carboxylase 1
Acyl-CoA dehydrogenase family member 10
Acyl-CoA dehydrogenase family member 9, mitochondrial
Long-chain specific acyl-CoA dehydrogenase, mitochondrial
Medium-chain specific acyl-CoA dehydrogenase, mitochondrial
Short-chain specific acyl-CoA dehydrogenase, mitochondrial
Short/branched chain specific acyl-CoA dehydrogenase, mitochondrial
Very long-chain specific acyl-CoA dehydrogenase, mitochondrial
Aggrecan core protein
Acetyl-CoA acetyltransferase, mitochondrial
Acetyl-CoA acetyltransferase, cytosolic
Angiotensin-converting enzyme
Apoptotic chromatin condensation inducer in the nucleus
ATP-citrate synthase
Cytoplasmic aconitate hydratase
Aconitate hydratase, mitochondrial
Acyl-coenzyme A thioesterase 11
Acyl-coenzyme A thioesterase 13
Acyl-coenzyme A thioesterase 2, mitochondrial

Cytosolic acyl coenzyme A thioester hydrolase
Acyl-coenzyme A thioesterase 9, mitochondrial
Low molecular weight phosphotyrosine protein phosphatase
Acyl-CoA synthetase family member 2, mitochondrial
Acyl-CoA synthetase family member 3, mitochondrial
Long-chain-fatty-acid--CoA ligase 1
Long-chain-fatty-acid--CoA ligase 5
Actin, aortic smooth muscle
Actin, cytoplasmic 1
Actin, alpha cardiac muscle 1
Actin, cytoplasmic 2
Actin-like protein 6A
Alpha-actinin-1
Alpha-actinin-4
Actin-related protein 10
Alpha-centractin
Beta-centractin
Actin-related protein 2
Actin-related protein 3
Acylphosphatase-1
Disintegrin and metalloproteinase domain-containing protein 10
ADAMTS-like protein 4
Atypical kinase ADCK3, mitochondrial
Adenylate cyclase type 5
Adenylate cyclase type 7
Alpha-adducin
Gamma-adducin
Alcohol dehydrogenase 1
Alcohol dehydrogenase class-3
Alcohol dehydrogenase class 4 mu/sigma chain
Adiponectin
Adenosine kinase
ADP-dependent glucokinase
Beta-adrenergic receptor kinase 2
Proteasomal ubiquitin receptor ADRM1
Adenylosuccinate lyase
Adenylosuccinate synthetase isozyme 1
Adipocyte enhancer-binding protein 1
AFG3-like protein 2
Afamin
Uncharacterized protein C11orf96 homolog

N(4)-(beta-N-acetylglucosaminy)-L-asparaginase
Acylglycerol kinase, mitochondrial
Protein argonaute-2
1-acyl-sn-glycerol-3-phosphate acyltransferase beta
Agrin
Adenosylhomocysteinase
Putative adenosylhomocysteinase 2
Activator of 90 kDa heat shock protein ATPase homolog 1
Alpha-2-HS-glycoprotein
Apoptosis-inducing factor 1, mitochondrial
Apoptosis-inducing factor 2
Aminoacyl tRNA synthase complex-interacting multifunctional protein 1
Aminoacyl tRNA synthase complex-interacting multifunctional protein 2
AH receptor-interacting protein
Adenylate kinase isoenzyme 1
Adenylate kinase 2, mitochondrial
GTP:AMP phosphotransferase AK3, mitochondrial
A-kinase anchor protein 12
Alcohol dehydrogenase [NADP(+)]
Aldose reductase
Aldose reductase-related protein 1
Aldose reductase-related protein 2
Aflatoxin B1 aldehyde reductase member 2
Proline-rich AKT1 substrate 1
Delta-aminolevulinic acid dehydratase
Serum albumin
CD166 antigen
Aldehyde dehydrogenase family 16 member A1
Delta-1-pyrroline-5-carboxylate synthase
Retinal dehydrogenase 1
Mitochondrial 10-formyltetrahydrofolate dehydrogenase
Aldehyde dehydrogenase, mitochondrial
Fatty aldehyde dehydrogenase
Delta-1-pyrroline-5-carboxylate dehydrogenase, mitochondrial
Succinate-semialdehyde dehydrogenase, mitochondrial
Methylmalonate-semialdehyde dehydrogenase [acylating], mitochondrial
Alpha-aminoadipic semialdehyde dehydrogenase
4-trimethylaminobutyraldehyde dehydrogenase
Fructose-bisphosphate aldolase A
Alpha-1,3/1,6-mannosyltransferase ALG2
Arachidonate 5-lipoxygenase-activating protein

THO complex subunit 4
Anaphase-promoting complex subunit 1
Ankyrin-1
Ankyrin-2
Rabankyrin-5
Anoctamin-10
Anoctamin-6
Acidic leucine-rich nuclear phosphoprotein 32 family member A
Acidic leucine-rich nuclear phosphoprotein 32 family member B
Acidic leucine-rich nuclear phosphoprotein 32 family member E
Aminopeptidase N
Annexin A1
Annexin A11
Annexin A2
Annexin A3
Annexin A4
Annexin A5
Annexin A6
Annexin A7
Membrane primary amine oxidase
Aldehyde oxidase 1
AP-1 complex subunit beta-1
AP-1 complex subunit gamma-1
AP-2 complex subunit alpha-1
AP-2 complex subunit alpha-2
AP-2 complex subunit beta
AP-2 complex subunit mu
AP-2 complex subunit sigma
AP-3 complex subunit beta-1
AP-3 complex subunit delta-1
Acylamino-acid-releasing enzyme
DNA-(apurinic or apyrimidinic site) lyase
Apoptosis inhibitor 5
Adipocyte plasma membrane-associated protein
Apolipoprotein A-I
NAD(P)H-hydrate epimerase
Apolipoprotein A-II
Apolipoprotein A-IV
Apolipoprotein C-I
Apolipoprotein C-II
Apolipoprotein E

Beta-2-glycoprotein 1
Apolipoprotein O
MICOS complex subunit Mic27
Amyloid beta A4 protein
DCC-interacting protein 13-alpha
Adenine phosphoribosyltransferase
Aquaporin-1
Coatmer subunit delta
ADP-ribosylation factor 1
ADP-ribosylation factor 2
ADP-ribosylation factor 4
ADP-ribosylation factor 5
ADP-ribosylation factor 6
Brefeldin A-inhibited guanine nucleotide-exchange protein 2
Rho GTPase-activating protein 1
Rho GTPase-activating protein 17
Rho GTPase-activating protein 32
Rho GDP-dissociation inhibitor 1
Rho GDP-dissociation inhibitor 2
Rho guanine nucleotide exchange factor 2
Rho guanine nucleotide exchange factor 7
ADP-ribosylation factor-like protein 1
ADP-ribosylation factor-like protein 3
ADP-ribosylation factor-like protein 6-interacting protein 1
PRA1 family protein 3
ADP-ribosylation factor-like protein 8B
Armadillo repeat-containing protein 1
Actin-related protein 2/3 complex subunit 1B
Actin-related protein 2/3 complex subunit 2
Actin-related protein 2/3 complex subunit 3
Actin-related protein 2/3 complex subunit 4
Actin-related protein 2/3 complex subunit 5
Actin-related protein 2/3 complex subunit 5-like protein
Acid ceramidase
Argininosuccinate lyase
ATPase Asna1
Aspartyl/asparaginyl beta-hydroxylase
Asporin
Isoaspartyl peptidase/L-asparaginase
ATPase family AAA domain-containing protein 3
Autophagy protein 5

Ubiquitin-like modifier-activating enzyme ATG7
Bifunctional purine biosynthesis protein PURH
Atlastin-2
Atlastin-3
Copper transport protein ATOX1
Sodium/potassium-transporting ATPase subunit alpha-1
Sodium/potassium-transporting ATPase subunit alpha-2
Sodium/potassium-transporting ATPase subunit beta-1
Sodium/potassium-transporting ATPase subunit beta-3
Sarcoplasmic/endoplasmic reticulum calcium ATPase 2
Sarcoplasmic/endoplasmic reticulum calcium ATPase 3
Plasma membrane calcium-transporting ATPase 1
Calcium-transporting ATPase
ATP synthase subunit alpha, mitochondrial
ATP synthase subunit beta, mitochondrial
ATP synthase subunit gamma, mitochondrial
ATP synthase F(0) complex subunit B1, mitochondrial
ATP synthase subunit d, mitochondrial
ATP synthase subunit e, mitochondrial
ATP synthase-coupling factor 6, mitochondrial
ATP synthase subunit f, mitochondrial
ATP synthase subunit g, mitochondrial
ATP synthase subunit O, mitochondrial
V-type proton ATPase 116 kDa subunit a isoform 1
V-type proton ATPase subunit d 1
V-type proton ATPase catalytic subunit A
V-type proton ATPase subunit B, brain isoform
V-type proton ATPase subunit E 1
Ataxin-10
Methylglutaconyl-CoA hydratase, mitochondrial
Tyrosine-protein kinase receptor UFO
Beta-2-microglobulin
Beta-1,4-galactosyltransferase 2
BAG family molecular chaperone regulator 3
BAG family molecular chaperone regulator 5
Large proline-rich protein BAG6
Barrier-to-autointegration factor
Apoptosis regulator BAX
Basal cell adhesion molecule
Breast cancer anti-estrogen resistance protein 1
Breast carcinoma-amplified sequence 3 homolog

Branched-chain-amino-acid aminotransferase, mitochondrial
2-oxoisovalerate dehydrogenase subunit alpha, mitochondrial
2-oxoisovalerate dehydrogenase subunit beta, mitochondrial
[3-methyl-2-oxobutanoate dehydrogenase [lipoamide]] kinase, mitochondrial
Biglycan
Bleomycin hydrolase
Biliverdin reductase A
Flavin reductase (NADPH)
Bisphosphoglycerate mutase
Valacyclovir hydrolase
3(2),5-bisphosphate nucleotidase 1
BRCA1-A complex subunit BRE
BRO1 domain-containing protein BROX
Transcription factor BTF3
Tyrosine-protein kinase BTK
Peripheral-type benzodiazepine receptor-associated protein 1
Complement component 1 Q subcomponent-binding protein, mitochondrial
Complement C3
Complement C4-B
C4b-binding protein
Complement C5
Complement component C9
Carbonic anhydrase 1
Carbonic anhydrase 2
Carbonic anhydrase 3
Calcium-binding protein 39
Voltage-dependent calcium channel subunit alpha-2/delta-1
Calcyclin-binding protein
CAD protein
Calmodulin-3
Calreticulin
Calumenin
Calcium/calmodulin-dependent protein kinase type 1
Calcium/calmodulin-dependent protein kinase type II subunit delta
Calcium/calmodulin-dependent protein kinase type II subunit gamma
Calcium signal-modulating cyclophilin ligand
Cullin-associated NEDD8-dissociated protein 1
Calnexin
Adenylyl cyclase-associated protein 1
Adenylyl cyclase-associated protein 2
Macrophage-capping protein

Calpain-1 catalytic subunit
Calpain-2 catalytic subunit
Calpain small subunit 1
Caprin-1
F-actin-capping protein subunit alpha-1
F-actin-capping protein subunit alpha-2
F-actin-capping protein subunit beta
Calcium-regulated heat stable protein 1
ATP-dependent (S)-NAD(P)H-hydrate dehydratase
ATP-dependent (S)-NAD(P)H-hydrate dehydratase
Histone-arginine methyltransferase CARM1
Cysteine--tRNA ligase, cytoplasmic
Caspase-8
Calsequestrin-1
Calpastatin
Catalase
Caveolin-1
Caveolin-2
Carbonyl reductase [NADPH] 1
Carbonyl reductase [NADPH] 2
Carbonyl reductase [NADPH] 3
Cell division cycle and apoptosis regulator protein 1
Cell cycle and apoptosis regulator protein 2
Kynurenine--oxoglutarate transaminase 3
Coiled-coil domain-containing protein 127
Coiled-coil domain-containing protein 47
Coiled-coil domain-containing protein 80
Coiled-coil domain-containing protein 90B, mitochondrial
Cyclin-Y
T-complex protein 1 subunit beta
T-complex protein 1 subunit gamma
T-complex protein 1 subunit delta
T-complex protein 1 subunit epsilon
T-complex protein 1 subunit zeta
T-complex protein 1 subunit eta
T-complex protein 1 subunit theta
CD109 antigen
CD151 antigen
Scavenger receptor cysteine-rich type 1 protein M130
OX-2 membrane glycoprotein
CD2-associated protein

Hematopoietic progenitor cell antigen CD34
Platelet glycoprotein 4
CD44 antigen
Leukocyte surface antigen CD47
CD81 antigen
CD9 antigen
CD97 antigen
CD99 antigen
Hsp90 co-chaperone Cdc37
Cell division control protein 42 homolog
Serine/threonine-protein kinase MRCK beta
Cadherin-13
Cadherin-6
CDP-diacylglycerol--inositol 3-phosphatidyltransferase
Cyclin-dependent kinase 13
Cyclin-dependent-like kinase 5
Phosphatidate cytidylyltransferase 2
CUGBP Elav-like family member 2
Centromere protein V
Carboxylesterase 1C
Carboxylesterase 1D
Complement factor B
Complement factor D
Complement factor H
Complement factor I
Cofilin-1
Cofilin-2
MICOS complex subunit Mic19
MICOS complex subunit Mic25
Chromodomain-helicase-DNA-binding protein 4
Charged multivesicular body protein 3
Charged multivesicular body protein 4b
Carbohydrate sulfotransferase 12
Chromatin target of PRMT1 protein
CDGSH iron-sulfur domain-containing protein 1
Cytoskeleton-associated protein 4
Creatine kinase B-type
Creatine kinase M-type
CLIP-associating protein 1
Chloride channel CLIC-like protein 1
C-type lectin domain family 10 member A

Tetranectin
Chloride intracellular channel protein 1
Chloride intracellular channel protein 4
Clathrin interactor 1
Cleft lip and palate transmembrane protein 1-like protein
Clathrin light chain B
Clathrin heavy chain 1
Clusterin
Citrate lyase subunit beta-like protein, mitochondrial
Chymase
UMP-CMP kinase
Cellular nucleic acid-binding protein
Cytosolic non-specific dipeptidase
Calponin-1
Calponin-2
Calponin-3
2,3-cyclic-nucleotide 3-phosphodiesterase
Protein canopy homolog 2
Protein canopy homolog 4
Cytochrome c oxidase assembly factor 3 homolog, mitochondrial
Bifunctional coenzyme A synthase
Collagen alpha-1(XII) chain
Collagen alpha-1(XIV) chain
Collagen alpha-1(XV) chain
Collagen alpha-1(XVIII) chain
Collagen alpha-1(I) chain
Collagen alpha-2(I) chain
Collagen alpha-1(II) chain
Collagen alpha-1(III) chain
Collagen alpha-1(IV) chain
Collagen alpha-2(IV) chain
Collagen alpha-3(IV) chain
Collagen alpha-4(IV) chain
Collagen alpha-1(V) chain
Collagen alpha-2(V) chain
Collagen alpha-1(VI) chain
Collagen alpha-2(VI) chain
Collagen alpha-5(VI) chain
Collagen alpha-6(VI) chain
Procollagen galactosyltransferase 1
COMM domain-containing protein 3

COMM domain-containing protein 4
COMM domain-containing protein 9
Catechol O-methyltransferase
Catechol O-methyltransferase domain-containing protein 1
Coatomer subunit alpha
Coatomer subunit beta
Coatomer subunit beta
Coatomer subunit epsilon
Coatomer subunit gamma-1
Coatomer subunit gamma-2
COP9 signalosome complex subunit 2
COP9 signalosome complex subunit 3
COP9 signalosome complex subunit 4
COP9 signalosome complex subunit 5
COP9 signalosome complex subunit 6
COP9 signalosome complex subunit 7a
Coatomer subunit zeta-1
Coenzyme Q-binding protein COQ10 homolog B, mitochondrial
Ubiquinone biosynthesis monooxygenase COQ6, mitochondrial
Ubiquinone biosynthesis protein COQ9, mitochondrial
Coronin-1A
Coronin-1B
Coronin-1C
Coactosin-like protein
Cytochrome c oxidase subunit 4 isoform 1, mitochondrial
Cytochrome c oxidase subunit 5A, mitochondrial
Cytochrome c oxidase subunit 5B, mitochondrial
Cytochrome c oxidase subunit 6A1, mitochondrial
Cytochrome c oxidase subunit 6B1
Cytochrome c oxidase subunit 6C
Cytochrome c oxidase subunit 7A1, mitochondrial
Cytochrome c oxidase subunit 7A2, mitochondrial
Cytochrome c oxidase subunit 7C, mitochondrial
Ceruloplasmin
Mast cell carboxypeptidase A
Carboxypeptidase E
Copine-1
Copine-2
Copine-3
Oxygen-dependent coproporphyrinogen-III oxidase, mitochondrial
Serine/threonine-protein phosphatase CPPED1

Carboxypeptidase Q
Cleavage and polyadenylation specificity factor subunit 6
Cleavage and polyadenylation specificity factor subunit 7
Carnitine O-palmitoyltransferase 1, liver isoform
Carnitine O-palmitoyltransferase 1, muscle isoform
Carnitine O-palmitoyltransferase 2, mitochondrial
Complement component receptor 1-like protein
Carnitine O-acetyltransferase
Cysteine-rich with EGF-like domain protein 1
Cysteine-rich protein 1
Cysteine-rich protein 2
Adapter molecule crk
Crk-like protein
Alpha-crystallin B chain
Lambda-crystallin homolog
Quinone oxidoreductase
Citrate synthase, mitochondrial
Cysteine sulfinic acid decarboxylase
Exportin-2
Tyrosine-protein kinase CSK
Casein kinase I isoform alpha
Casein kinase II subunit alpha
Casein kinase II subunit beta
Chondroitin sulfate proteoglycan 4
Cysteine and glycine-rich protein 1
Cysteine and glycine-rich protein 2
Cystatin-C
Cystatin-B
Cleavage stimulation factor subunit 2
C-terminal-binding protein 1
Transcriptional repressor CTCF
Catenin alpha-1
Catenin alpha-2
Catenin alpha-3
Alpha-catulin
Catenin beta-1
Beta-catenin-like protein 1
Catenin delta-1
Cathepsin B
Cathepsin D
Pro-cathepsin H

Src substrate cortactin
CTTNBP2 N-terminal-like protein
Cullin-1
Cullin-3
Cullin-4A
Cullin-5
Protein CutA
Copper homeostasis protein cutC homolog
Stromal cell-derived factor 1
Cytochrome b5
Cytochrome b5 type B
NADH-cytochrome b5 reductase 1
NADH-cytochrome b5 reductase 3
Cytochrome b-245 chaperone 1
Cytochrome c1, heme protein, mitochondrial
Cytochrome c, somatic
Cytoplasmic FMR1-interacting protein 1
Cytoglobin
Cytochrome P450 20A1
Cytochrome P450 2F2
Cytochrome P450 4B1
ES1 protein homolog, mitochondrial
Disheveled-associated activator of morphogenesis 1
Disabled homolog 2
Dystroglycan
Death-associated protein kinase 3
Aspartate--tRNA ligase, cytoplasmic
DAZ-associated protein 1
Acyl-CoA-binding protein
Drebrin-like protein
Lipoamide acyltransferase component of branched-chain alpha-keto acid dehydrogenase con
Decorin
m7GpppX diphosphatase
Dynactin subunit 1
Dynactin subunit 2
Dynactin subunit 3
Dynactin subunit 5
L-xylulose reductase
N(G),N(G)-dimethylarginine dimethylaminohydrolase 2
DNA damage-binding protein 1
Phospholipase DDHD2

Dolichyl-diphosphooligosaccharide--protein glycosyltransferase 48 kDa subunit
DDRKG domain-containing protein 1
D-dopachrome decarboxylase
ATP-dependent RNA helicase DDX1
Probable ATP-dependent RNA helicase DDX17
Nucleolar RNA helicase 2
ATP-dependent RNA helicase DDX25
Spliceosome RNA helicase Ddx39b
ATP-dependent RNA helicase DDX3X
ATP-dependent RNA helicase DDX3Y
ATP-dependent RNA helicase DDX42
Probable ATP-dependent RNA helicase DDX46
Probable ATP-dependent RNA helicase DDX5
ATP-dependent RNA helicase DDX50
Probable ATP-dependent RNA helicase DDX6
2,4-dienoyl-CoA reductase, mitochondrial
Protein DEK
Derlin-1
Desmin
Trans-1,2-dihydrobenzene-1,2-diol dehydrogenase
Dehydrogenase/reductase SDR family member 1
Dehydrogenase/reductase SDR family member 7B
Pre-mRNA-splicing factor ATP-dependent RNA helicase DHX15
ATP-dependent RNA helicase Dhx29
ATP-dependent RNA helicase A
Protein diaphanous homolog 1
H/ACA ribonucleoprotein complex subunit 4
Dihydrolipoyllysine-residue acetyltransferase component of pyruvate dehydrogenase comple
Dihydrolipoyl dehydrogenase, mitochondrial
Dihydrolipoyllysine-residue succinyltransferase component of 2-oxoglutarate dehydrogenase
Dystrophin
Myotonin-protein kinase
DnaJ homolog subfamily A member 1
DnaJ homolog subfamily A member 2
DnaJ homolog subfamily A member 3, mitochondrial
DnaJ homolog subfamily B member 4
DnaJ homolog subfamily C member 10
DnaJ homolog subfamily C member 11
Mitochondrial import inner membrane translocase subunit TIM14
DnaJ homolog subfamily C member 3
Dynamin-1

Dynammin-1-like protein
Dynammin-2
Aspartyl aminopeptidase
Dedicator of cytokinesis protein 7
Dipeptidase 1
Dipeptidyl peptidase 3
Dipeptidyl peptidase 2
Dermatopontin
Protein dpy-30 homolog
Dihydropyrimidinase-related protein 2
Dihydropyrimidinase-related protein 3
Dr1-associated corepressor
Desmoplakin
Dystonin
Destrin
Probable D-tyrosyl-tRNA(Tyr) deacylase 2
Dystrobrevin alpha
Dual specificity protein phosphatase 19
Dual specificity protein phosphatase 3
Cytoplasmic dynein 1 heavy chain 1
Cytoplasmic dynein 1 intermediate chain 2
Cytoplasmic dynein 1 light intermediate chain 1
Dynein light chain 1, cytoplasmic
Dynein light chain roadblock-type 1
Dynein light chain Tctex-type 1
Dynein light chain Tctex-type 3
Dysferlin
Delta(3,5)-Delta(2,4)-dienoyl-CoA isomerase, mitochondrial
Enoyl-CoA hydratase domain-containing protein 2, mitochondrial
Enoyl-CoA hydratase, mitochondrial
Enoyl-CoA delta isomerase 1, mitochondrial
Enoyl-CoA delta isomerase 2, mitochondrial
Extracellular matrix protein 1
Proteasome-associated protein ECM29 homolog
Evolutionarily conserved signaling intermediate in Toll pathway, mitochondrial
Elongation factor 1-alpha 1
Elongation factor 1-beta
Elongation factor 1-delta
Eukaryotic translation elongation factor 1 epsilon-1
Elongation factor 1-gamma
Elongation factor 2

EGF-containing fibulin-like extracellular matrix protein 1
EGF-containing fibulin-like extracellular matrix protein 2
EF-hand domain-containing protein D1
EF-hand domain-containing protein D2
Protein EFR3 homolog A
116 kDa U5 small nuclear ribonucleoprotein component
Epidermal growth factor receptor
EH domain-binding protein 1-like protein 1
EH domain-containing protein 1
EH domain-containing protein 2
EH domain-containing protein 3
EH domain-containing protein 4
Eukaryotic translation initiation factor 2 subunit 1
Eukaryotic translation initiation factor 2 subunit 3, X-linked
Eukaryotic translation initiation factor 3 subunit A
Eukaryotic translation initiation factor 3 subunit B
Eukaryotic translation initiation factor 3 subunit C
Eukaryotic translation initiation factor 3 subunit D
Eukaryotic translation initiation factor 3 subunit E
Eukaryotic translation initiation factor 3 subunit F
Eukaryotic translation initiation factor 3 subunit G
Eukaryotic translation initiation factor 3 subunit H
Eukaryotic translation initiation factor 3 subunit J-A
Eukaryotic translation initiation factor 3 subunit K
Eukaryotic translation initiation factor 3 subunit L
Eukaryotic translation initiation factor 3 subunit M
Eukaryotic initiation factor 4A-I
Eukaryotic initiation factor 4A-II
Eukaryotic initiation factor 4A-III
Eukaryotic translation initiation factor 4B
Eukaryotic translation initiation factor 4E
Eukaryotic translation initiation factor 4 gamma 1
Eukaryotic translation initiation factor 4 gamma 2
Eukaryotic translation initiation factor 4H
Eukaryotic translation initiation factor 5
Eukaryotic translation initiation factor 5A-1
Eukaryotic translation initiation factor 5B
ELAV-like protein 1
Elastin
Elongation of very long chain fatty acids protein 1
ER membrane protein complex subunit 1

ER membrane protein complex subunit 8
Emerin
EMILIN-1
Echinoderm microtubule-associated protein-like 1
Echinoderm microtubule-associated protein-like 2
Protein enabled homolog
Endonuclease domain-containing 1 protein
Alpha-enolase
Gamma-enolase
Beta-enolase
Glutamyl aminopeptidase
Ectonucleotide pyrophosphatase/phosphodiesterase family member 1
Ectonucleotide pyrophosphatase/phosphodiesterase family member 3
Bis(5-adenosyl)-triphosphatase enpp4
Ectonucleoside triphosphate diphosphohydrolase 1
Ectonucleoside triphosphate diphosphohydrolase 2
Protein 4.1
Band 4.1-like protein 2
Epoxide hydrolase 1
Bifunctional epoxide hydrolase 2
Epsin-1
Epsin-2
Epsin-3
Epiplakin
Bifunctional glutamate/proline--tRNA ligase
Epidermal growth factor receptor substrate 15
Epidermal growth factor receptor kinase substrate 8-like protein 2
Endoplasmic reticulum aminopeptidase 1
Protein LAP2
Endoplasmic reticulum-Golgi intermediate compartment protein 1
Enhancer of rudimentary homolog
ERO1-like protein alpha
Endoplasmic reticulum resident protein 29
Endoplasmic reticulum resident protein 44
S-formylglutathione hydrolase
Extended synaptotagmin-1
Extended synaptotagmin-2
Eukaryotic peptide chain release factor subunit 1
Electron transfer flavoprotein subunit alpha, mitochondrial
Electron transfer flavoprotein subunit beta
Electron transfer flavoprotein-ubiquinone oxidoreductase, mitochondrial

Persulfide dioxygenase ETHE1, mitochondrial
Exocyst complex component 2
Exocyst complex component 6B
Coagulation factor XIII A chain
Prothrombin
Fatty acid-binding protein, heart
Fatty acid-binding protein, adipocyte
FAS-associated factor 2
Fumarylacetoacetase
Protein Noxp20
Constitutive coactivator of PPAR-gamma-like protein 1
Protein Niban
Niban-like protein 1
Protein FAM162A
BRISC complex subunit Abro1
Redox-regulatory protein FAM213A
Protein FAM3C
Protein FAM50B
Protein FAM98A
Protein FAM98B
Phenylalanine--tRNA ligase alpha subunit
Phenylalanine--tRNA ligase beta subunit
Fatty acid synthase
40S ribosomal protein S30
rRNA 2-O-methyltransferase fibrillar
Filamin-binding LIM protein 1
Fibulin-1
Fibulin-1
Fibulin-2
Fibulin-5
Fibrillin-1
Fibrillin-2
F-box only protein 2
F-box only protein 30
F-box only protein 6
IgG receptor FcRn large subunit p51
F-BAR domain only protein 2
Farnesyl pyrophosphate synthase
Ferrochelatase, mitochondrial
Fermitin family homolog 2
Fermitin family homolog 3

Fetuin-B
Fibrinogen alpha chain
Fibrinogen beta chain
Fibroblast growth factor 1
Fibrinogen gamma chain
Fibroleukin
Fumarate hydratase, mitochondrial
Four and a half LIM domains protein 1
Four and a half LIM domains protein 3
Filamin A-interacting protein 1-like
Mitochondrial fission 1 protein
Peptidyl-prolyl cis-trans isomerase FKBP10
Peptidyl-prolyl cis-trans isomerase FKBP1A
Peptidyl-prolyl cis-trans isomerase FKBP2
Peptidyl-prolyl cis-trans isomerase FKBP3
Peptidyl-prolyl cis-trans isomerase FKBP4
Peptidyl-prolyl cis-trans isomerase FKBP9
Protein flightless-1 homolog
Filamin-A
Filamin-B
Filamin-C
Flotillin-1
Flotillin-2
Formin-like protein 3
Dimethylaniline monooxygenase [N-oxide-forming] 1
Dimethylaniline monooxygenase [N-oxide-forming] 2
Dimethylaniline monooxygenase [N-oxide-forming] 3
Fibromodulin
Fragile X mental retardation protein 1 homolog
Fibronectin
Protein farnesyltransferase/geranylgeranyltransferase type-1 subunit alpha
Glutamate carboxypeptidase 2
Protein furry homolog
Follistatin-related protein 1
Ferritin heavy chain
Ferritin light chain 1
FUN14 domain-containing protein 2
Fucose mutarotase
RNA-binding protein FUS
Fragile X mental retardation syndrome-related protein 1
Ras GTPase-activating protein-binding protein 1

Ras GTPase-activating protein-binding protein 2
Glucose-6-phosphate 1-dehydrogenase X
Lysosomal alpha-glucosidase
Gamma-aminobutyric acid receptor-associated protein
Cyclin-G-associated kinase
Galactokinase
Aldose 1-epimerase
Guanidinoacetate N-methyltransferase
Neutral alpha-glucosidase AB
Glyceraldehyde-3-phosphate dehydrogenase
Glycine--tRNA ligase
Trifunctional purine biosynthetic protein adenosine-3
Protein NipSnap homolog 2
1,4-alpha-glucan-branching enzyme
Interferon-induced guanylate-binding protein 2
Vitamin D-binding protein
2-amino-3-ketobutyrate coenzyme A ligase, mitochondrial
Glutaryl-CoA dehydrogenase, mitochondrial
eIF-2-alpha kinase activator GCN1
Guanine deaminase
Rab GDP dissociation inhibitor alpha
Rab GDP dissociation inhibitor beta
Vitamin K-dependent gamma-carboxylase
Glucose-induced degradation protein 8 homolog
GTPase IMAP family member 4
ARF GTPase-activating protein GIT1
ARF GTPase-activating protein GIT2
Golgi apparatus protein 1
Lactoylglutathione lyase
Glyoxalase domain-containing protein 4
Glutaredoxin-1
Glutaredoxin-3
Glutaminase kidney isoform, mitochondrial
Glycolipid transfer protein
Glutamate dehydrogenase 1, mitochondrial
Glutamine synthetase
Putative oxidoreductase GLYR1
Glia maturation factor beta
Mannose-1-phosphate guanyltransferase alpha
Mannose-1-phosphate guanyltransferase beta
GMP synthase [glutamine-hydrolyzing]

Guanine nucleotide-binding protein subunit alpha-11
Guanine nucleotide-binding protein subunit alpha-13
Guanine nucleotide-binding protein G(i) subunit alpha-1
Guanine nucleotide-binding protein G(i) subunit alpha-2
Guanine nucleotide-binding protein G(o) subunit alpha
Guanine nucleotide-binding protein G(o) subunit alpha
Guanine nucleotide-binding protein G(q) subunit alpha
Guanine nucleotide-binding protein G(s) subunit alpha isoforms short
Guanine nucleotide-binding protein G(l)/G(s)/G(t) subunit beta-1
Guanine nucleotide-binding protein G(l)/G(s)/G(t) subunit beta-2
Guanine nucleotide-binding protein subunit beta-2-like 1
Guanine nucleotide-binding protein subunit beta-4
Guanine nucleotide-binding protein G(l)/G(s)/G(o) subunit gamma-12
Guanine nucleotide-binding protein G(l)/G(s)/G(o) subunit gamma-5
Glucosamine-6-phosphate isomerase 2
Glucosamine 6-phosphate N-acetyltransferase
Golgin subfamily A member 2
Golgi reassembly-stacking protein 2
Golgi SNAP receptor complex member 2
Aspartate aminotransferase, cytoplasmic
Aspartate aminotransferase, mitochondrial
Platelet glycoprotein V
Glypican-4
Glypican-6
Glycerol-3-phosphate dehydrogenase [NAD(+)], cytoplasmic
Glycerol-3-phosphate dehydrogenase 1-like protein
Glycerol-3-phosphate dehydrogenase, mitochondrial
Glucose-6-phosphate isomerase
Transmembrane glycoprotein NMB
COP9 signalosome complex subunit 1
Glutathione peroxidase 1
Glutathione peroxidase 3
Phospholipid hydroperoxide glutathione peroxidase, mitochondrial
Glutathione peroxidase 7
Growth factor receptor-bound protein 2
Glyoxylate reductase/hydroxypyruvate reductase
Granulins
GrpE protein homolog 1, mitochondrial
Glycogen synthase kinase-3 alpha
Glycogen synthase kinase-3 beta
Gelsolin

Gelsolin
Glutathione reductase, mitochondrial
Glutathione synthetase
Glutathione S-transferase A3
Glutathione S-transferase kappa 1
Glutathione S-transferase Mu 1
Glutathione S-transferase Mu 2
Glutathione S-transferase Mu 5
Glutathione S-transferase Mu 7
Glutathione S-transferase omega-1
Glutathione S-transferase P 1
Glutathione S-transferase theta-1
Glutathione S-transferase theta-2
Glutathione S-transferase theta-3
Maleylacetoacetate isomerase
General transcription factor II-I
Guanylate cyclase soluble subunit alpha-3
Guanylate cyclase soluble subunit beta-1
PTB domain-containing engulfment adapter protein 1
Glycogenin-1
Glycogen [starch] synthase, muscle
Histone H1.0
H-2 class II histocompatibility antigen, A-B alpha chain
H-2 class I histocompatibility antigen, D-B alpha chain
H-2 class I histocompatibility antigen, K-B alpha chain
H-2 class I histocompatibility antigen, Q10 alpha chain
Histone H2A.V
Core histone macro-H2A.1
Core histone macro-H2A.2
Histone H3.3
GDH/6PGL endoplasmic bifunctional protein
Hydroxyacyl-coenzyme A dehydrogenase, mitochondrial
Trifunctional enzyme subunit alpha, mitochondrial
Trifunctional enzyme subunit beta, mitochondrial
Hydroxyacylglutathione hydrolase, mitochondrial
Hepcidin
Hyalurond and proteoglycan link protein 1
Histidine--tRNA ligase, cytoplasmic
HCLS1-associated protein X-1
Hemoglobin subunit alpha
Hemoglobin subunit beta-1

Hemoglobin subunit beta-2
Hemoglobin subunit beta-H1
Host cell factor 1
Histone deacetylase 2
Hepatoma-derived growth factor
Hepatoma-derived growth factor-related protein 3
Haloacid dehalogenase-like hydrolase domain-containing protein 2
Vigilin
E3 ubiquitin-protein ligase HECTD1
Beta-hexosaminidase subunit alpha
Beta-hexosaminidase subunit beta
Hepatocyte growth factor-regulated tyrosine kinase substrate
3-hydroxyisobutyrate dehydrogenase, mitochondrial
3-hydroxyisobutyryl-CoA hydrolase, mitochondrial
HIG1 domain family member 1A, mitochondrial
Histidine triad nucleotide-binding protein 1
Histidine triad nucleotide-binding protein 2, mitochondrial
Huntingtin-interacting protein 1
Histone H1.1
Histone H1.5
Histone H1.2
Histone H1.3
Histone H1.4
Histone H2A type 1-H
Histone H2B type 1-P
Histone H3.1
Histone H3.2
Histone H4
Histone H2A type 2-B
Histone H2A type 2-C
Hexokinase-1
Hexokinase-2
Porphobilinogen deaminase
High mobility group protein B1
High mobility group protein B2
Hydroxymethylglutaryl-CoA lyase, mitochondrial
Hydroxymethylglutaryl-CoA synthase, mitochondrial
Non-histone chromosomal protein HMG-17
High mobility group nucleosome-binding domain-containing protein 5
Heme oxygenase 2
Heterogeneous nuclear ribonucleoprotein A0

Heterogeneous nuclear ribonucleoprotein A1
Heterogeneous nuclear ribonucleoproteins A2/B1
Heterogeneous nuclear ribonucleoprotein A3
Heterogeneous nuclear ribonucleoprotein A/B
Heterogeneous nuclear ribonucleoproteins C1/C2
Heterogeneous nuclear ribonucleoprotein D0
Heterogeneous nuclear ribonucleoprotein D-like
Heterogeneous nuclear ribonucleoprotein F
Heterogeneous nuclear ribonucleoprotein H
Heterogeneous nuclear ribonucleoprotein H2
Heterogeneous nuclear ribonucleoprotein K
Heterogeneous nuclear ribonucleoprotein L
Heterogeneous nuclear ribonucleoprotein L-like
Heterogeneous nuclear ribonucleoprotein M
Heterogeneous nuclear ribonucleoprotein U
Heterogeneous nuclear ribonucleoprotein U-like protein 1
Heterogeneous nuclear ribonucleoprotein U-like protein 2
Protein Hook homolog 3
Homeobox protein Hox-D8
Haptoglobin
Heterochromatin protein 1-binding protein 3
Hippocalcin-like protein 1
Hypoxanthine-guanine phosphoribosyltransferase
Hemopexin
Histidine-rich glycoprotein
Heat shock factor-binding protein 1
Corticosteroid 11-beta-dehydrogenase isozyme 1
3-hydroxyacyl-CoA dehydrogenase type-2
Estradiol 17-beta-dehydrogenase 11
Very-long-chain 3-oxoacyl-CoA reductase
Peroxisomal multifunctional enzyme type 2
Hydroxysteroid dehydrogenase-like protein 2
Heat shock protein HSP 90-alpha
Heat shock protein HSP 90-beta
Endoplasmin
Heat shock 70 kDa protein 12A
Heat shock 70 kDa protein 12B
Heat shock 70 kDa protein 1A
Heat shock 70 kDa protein 1B
Heat shock-related 70 kDa protein 2
Heat shock 70 kDa protein 4

Heat shock 70 kDa protein 4L
78 kDa glucose-regulated protein
Heat shock cognate 71 kDa protein
Stress-70 protein, mitochondrial
Heat shock protein beta-1
Heat shock protein beta-6
Heat shock protein beta-7
Heat shock protein beta-8
60 kDa heat shock protein, mitochondrial
10 kDa heat shock protein, mitochondrial
Basement membrane-specific heparan sulfate proteoglycan core protein
Heat shock protein 105 kDa
Serine protease HTRA1
E3 ubiquitin-protein ligase HUWE1
Hypoxia up-regulated protein 1
Isoamyl acetate-hydrolyzing esterase 1 homolog
Isoleucine--tRNA ligase, cytoplasmic
Isoleucine--tRNA ligase, mitochondrial
Inhibitor of carbonic anhydrase
Intercellular adhesion molecule 1
Intercellular adhesion molecule 2
Insulin-degrading enzyme
Isocitrate dehydrogenase [NADP] cytoplasmic
Isocitrate dehydrogenase [NADP], mitochondrial
Isocitrate dehydrogenase [NAD] subunit alpha, mitochondrial
Isocitrate dehydrogenase [NAD] subunit gamma 1, mitochondrial
Interferon-induced 35 kDa protein homolog
Immunoglobulin-binding protein 1
Insulin-like growth factor-binding protein complex acid labile subunit
Insulin-like growth factor-binding protein 6
Insulin-like growth factor-binding protein 7
Ig gamma-2B chain C region
Ig gamma-1 chain C region secreted form
Ig mu chain C region
Ig kappa chain C region
Inhibitor of nuclear factor kappa-B kinase-interacting protein
Inhibitor of nuclear factor kappa-B kinase-interacting protein
Inhibitor of nuclear factor kappa-B kinase subunit beta
Interleukin enhancer-binding factor 2
Interleukin enhancer-binding factor 3
Integrin-linked protein kinase

Acetolactate synthase-like protein
MICOS complex subunit Mic60
Inositol monophosphatase 1
Inverted formin-2
Indolethylamine N-methyltransferase
Inositol polyphosphate 1-phosphatase
Type I inositol 3,4-bisphosphate 4-phosphatase
Integrator complex subunit 3
Importin-4
Importin-5
Importin-7
Importin-9
Ras GTPase-activating-like protein IQGAP1
Interferon regulatory factor 2-binding protein-like
Ubiquitin-like protein ISG15
Immunoglobulin superfamily containing leucine-rich repeat protein
Isochorismatase domain-containing protein 1
Isochorismatase domain-containing protein 2A, mitochondrial
Inositol-3-phosphate synthase 1
E3 ubiquitin-protein ligase Itchy
Integrin alpha-1
Integrin alpha-IIb
Integrin alpha-3
Integrin alpha-5
Integrin alpha-6
Integrin alpha-8
Integrin alpha-9
Integrin alpha-V
Integrin beta-1
Integrin beta-3
Integrin beta-5
Integrin beta-6
Inter-alpha-trypsin inhibitor heavy chain H1
Inter-alpha-trypsin inhibitor heavy chain H2
Inter alpha-trypsin inhibitor, heavy chain 4
Integral membrane protein 2B
Inosine triphosphate pyrophosphatase
Inositol 1,4,5-trisphosphate receptor type 1
Inositol 1,4,5-trisphosphate receptor type 3
Isovaleryl-CoA dehydrogenase, mitochondrial
Tyrosine-protein kinase JAK1

Junctophilin-2
Junction plakoglobin
KN motif and ankyrin repeat domain-containing protein 2
Lysine--tRNA ligase
Katanin p60 ATPase-containing subunit A-like 2
E3 ubiquitin-protein ligase KCMF1
Potassium channel subfamily K member 4
Protein O-glycosyltransferase 3
Lysine-specific histone demethylase 1B
3-ketodihydrosphingosine reductase
KH domain-containing, RNA-binding, signal transduction-associated protein 1
Far upstream element-binding protein 2
WASH complex subunit strumpellin
Kinesin-like protein KIF13A
Kinesin-like protein KIF3A
Kinesin heavy chain isoform 5A
Kinesin-1 heavy chain
Kinesin light chain 1
Kallikrein 1-related peptidase b27
Histone-lysine N-methyltransferase 2A
Kininogen-1
Importin subunit alpha-3
Importin subunit alpha-7
Importin subunit beta-1
GTPase KRas
Keratin, type I cuticular Ha3-I
Keratin, type II cuticular Hb1
Keratin, type II cuticular Hb3
Keratin, type II cuticular Hb5
Keratin-associated protein 14
Keratin-associated protein 15-1
Keratin-associated protein 19-3
Keratin-associated protein 19-5
Keratin-associated protein 3-1
Keratin-associated protein 7-1
Keratin-associated protein 8-1
Kinectin
Trans-L-3-hydroxyproline dehydratase
Beta-lactamase-like protein 2
Laminin subunit alpha-2
Laminin subunit alpha-4

Laminin subunit alpha-5
Laminin subunit beta-1
Laminin subunit beta-2
Laminin subunit gamma-1
Lysosome-associated membrane glycoprotein 1
Lysosome-associated membrane glycoprotein 2
Ragulator complex protein LAMTOR1
Ragulator complex protein LAMTOR5
LanC-like protein 2
Cytosol aminopeptidase
Leucine--tRNA ligase, cytoplasmic
LIM and SH3 domain protein 1
Plastin-2
LIM domain-binding protein 3
L-lactate dehydrogenase A chain
L-lactate dehydrogenase B chain
Leukocyte cell-derived chemotaxin 1
LEM domain-containing protein 2
Prolyl 3-hydroxylase 3
LETM1 and EF-hand domain-containing protein 1, mitochondrial
LETM1 domain-containing protein 1
Galectin-1
Galectin-3
Galectin-3-binding protein
Legumain
Leukemia inhibitory factor receptor
LIM and calponin homology domains-containing protein 1
LIM and senescent cell antigen-like-containing domain protein 1
LIM and senescent cell antigen-like-containing domain protein 2
Lysosomal acid lipase/cholesterol ester hydrolase
Hormone-sensitive lipase
Protein ERGIC-53
Vesicular integral-membrane protein VIP36
LIM and cysteine-rich domains protein 1
Lipase maturation factor 2
Prelamin-A/C
Lamin-B1
Lamin-B2
Leiomodulin-1
Leucyl-cystinyl aminopeptidase
Lon protease homolog, mitochondrial

Protein-lysine 6-oxidase
Lysyl oxidase homolog 1
Lysyl oxidase homolog 3
Lipoprotein lipase
Lipoma-preferred partner homolog
Prolow-density lipoprotein receptor-related protein 1
Alpha-2-macroglobulin receptor-associated protein
Leucine-rich PPR motif-containing protein, mitochondrial
Leucine-rich repeat-containing protein 17
Leucine-rich repeat-containing protein 39
Leucine-rich repeat-containing protein 40
Leucine-rich repeat-containing protein 4C
Leucine-rich repeat-containing protein 59
Leucine-rich repeat flightless-interacting protein 1
U6 snRNA-associated Sm-like protein LSm3
U6 snRNA-associated Sm-like protein LSm5
U6 snRNA-associated Sm-like protein LSm7
Leukotriene A-4 hydrolase
Latent-transforming growth factor beta-binding protein 1
Latent-transforming growth factor beta-binding protein 2
Latent-transforming growth factor beta-binding protein 3
Latent-transforming growth factor beta-binding protein 4
Putative RNA-binding protein Luc7-like 2
Luc7-like protein 3
Lumican
Latexin
Lymphocyte antigen 6A-2/6E-1
Lymphocyte antigen 6C1
Acyl-protein thioesterase 1
Acyl-protein thioesterase 2
LYR motif-containing protein 5
Cation-dependent mannose-6-phosphate receptor
Microtubule-actin cross-linking factor 1
O-acetyl-ADP-ribose deacetylase MACROD1
Alpha-mannosidase 2C1
Mesencephalic astrocyte-derived neurotrophic factor
Amine oxidase [flavin-containing] A
Amine oxidase [flavin-containing] B
Microtubule-associated protein 1A
Microtubule-associated protein 1B
Microtubule-associated proteins 1A/1B light chain 3A

Microtubule-associated proteins 1A/1B light chain 3B
Microtubule-associated protein 1S
Dual specificity mitogen-activated protein kinase kinase 1
Dual specificity mitogen-activated protein kinase kinase 3
Dual specificity mitogen-activated protein kinase kinase 4
Mitogen-activated protein kinase kinase kinase 19
Microtubule-associated protein 4
Microtubule-associated protein 6
MAP7 domain-containing protein 1
Mitogen-activated protein kinase 1
Mitogen-activated protein kinase 14
Mitogen-activated protein kinase 3
Microtubule-associated protein RP/EB family member 1
Microtubule-associated protein RP/EB family member 2
Microtubule-associated protein RP/EB family member 3
Methionine--tRNA ligase, cytoplasmic
MARVEL domain-containing protein 1
S-adenosylmethionine synthase isoform type-2
Matrin-3
Mitochondrial antiviral-signaling protein
Myoglobin
Methyl-CpG-binding domain protein 2
Mannose-binding protein A
Mannose-binding protein C
Muscleblind-like protein 1
Lysophospholipid acyltransferase 7
Myelin basic protein
Cell surface glycoprotein MUC18
Methylcrotonoyl-CoA carboxylase subunit alpha, mitochondrial
Methylcrotonoyl-CoA carboxylase beta chain, mitochondrial
Methylmalonyl-CoA epimerase, mitochondrial
Multiple coagulation factor deficiency protein 2 homolog
Mast cell protease 3
Mast cell protease 4
Calcium uniporter protein, mitochondrial
Malate dehydrogenase, cytoplasmic
Malate dehydrogenase, mitochondrial
Magnesium-dependent phosphatase 1
NADP-dependent malic enzyme
Methyl-CpG-binding protein 2
Trans-2-enoyl-CoA reductase, mitochondrial

Multiple epidermal growth factor-like domains protein 6
Protein MEMO1
Methionine aminopeptidase 2
Microfibrillar-associated protein 2
Microfibril-associated glycoprotein 4
Microfibrillar-associated protein 5
Lactadherin
Mitofusin-2
Monoglyceride lipase
Matrix Gla protein
Microsomal glutathione S-transferase 1
Microsomal glutathione S-transferase 3
Protein-methionine sulfoxide oxidase MICAL1
Protein-methionine sulfoxide oxidase MICAL2
MICAL-like protein 1
Macrophage migration inhibitory factor
MICOS complex subunit Mic10
Malectin
Methylmalonic aciduria type A homolog, mitochondrial
Membrane magnesium transporter 1
MMS19 nucleotide excision repair protein homolog
Meiosis-specific nuclear structural protein 1
Mannosyl-oligosaccharide glucosidase
6.8 kDa mitochondrial proteolipid
Mitochondrial pyruvate carrier 1
Mitochondrial pyruvate carrier 2
55 kDa erythrocyte membrane protein
3-mercaptopyruvate sulfurtransferase
Myelin protein P0
Macrophage mannose receptor 1
C-type mannose receptor 2
Mas-related G-protein coupled receptor member F
Methylthioribose-1-phosphate isomerase
39S ribosomal protein L12, mitochondrial
28S ribosomal protein S36, mitochondrial
Protein MRVI1
Moesin
Mitochondrial peptide methionine sulfoxide reductase
Methionine-R-sulfoxide reductase B3, mitochondrial
S-methyl-5-thioadenosine phosphorylase
Mitochondrial amidoxime reducing component 2

ATP synthase protein 8
Mitochondrial carrier homolog 2
Cytochrome c oxidase subunit 2
Mitochondrial fission regulator 1-like
C-1-tetrahydrofolate synthase, cytoplasmic
Monofunctional C1-tetrahydrofolate synthase, mitochondrial
NADH-ubiquinone oxidoreductase chain 4
NADH-ubiquinone oxidoreductase chain 5
Serine/threonine-protein kinase mTOR
Myotrophin
Metaxin-1
Metaxin-2
Murinoglobulin-1
Major urinary protein 1
Methylmalonyl-CoA mutase, mitochondrial
Major vault protein
Myeloid-associated differentiation marker
Myb-binding protein 1A
C-Myc-binding protein
Myeloid differentiation primary response protein MyD88
UPF0160 protein MYG1, mitochondrial
Myosin-10
Myosin-11
Myosin-11
Myosin-14
Myosin-4
Myosin-9
Myosin light chain 1/3, skeletal muscle isoform
Myosin regulatory light chain 12B
Myosin light polypeptide 6
Myosin light polypeptide 6
Myosin regulatory light polypeptide 9
Myosin light chain kinase, smooth muscle
Unconventional myosin-XVIIIa
Unconventional myosin-Ia
Unconventional myosin-Ic
Unconventional myosin-I d
Unconventional myosin-IXb
Myoferlin
Ig kappa chain V-III region PC 7210
Ig heavy chain V region MOPC 47A

Ig gamma-2A chain C region secreted form
Ig alpha chain C region
Ig gamma-3 chain C region
UPF0600 protein C5orf51 homolog
Uncharacterized protein C1orf198 homolog
Ester hydrolase C11orf54 homolog

N-alpha-acetyltransferase 15, NatA auxiliary subunit
N-acetylated-alpha-linked acidic dipeptidase 2
Nascent polypeptide-associated complex subunit alpha
NEDD8-activating enzyme E1 regulatory subunit
Alpha-N-acetylgalactosaminidase
Nicotinamide phosphoribosyltransferase
Nucleosome assembly protein 1-like 1
Nucleosome assembly protein 1-like 4
Alpha-soluble NSF attachment protein
Gamma-soluble NSF attachment protein
Nicotinate phosphoribosyltransferase
Asparagine--tRNA ligase, cytoplasmic
Neurocalcin-delta
Neural cell adhesion molecule 1
Neutral cholesterol ester hydrolase 1
Nck-associated protein 1
Nucleolin
Nicalin
Protein NDRG1
Protein NDRG2
NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 1
NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 10, mitochondrial
NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 11
NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 12
NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 13
NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 2
NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 3
Cytochrome c oxidase subunit NDUF4
NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 5
NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 6
NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 8
NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 9, mitochondrial
NADH dehydrogenase [ubiquinone] 1 alpha subcomplex assembly factor 4
NADH dehydrogenase [ubiquinone] complex I, assembly factor 7

NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 1
NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 10
NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 3
NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 4
NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 5, mitochondrial
NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 6
NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 7
NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 9
NADH dehydrogenase [ubiquinone] 1 subunit C2
NADH-ubiquinone oxidoreductase 75 kDa subunit, mitochondrial
NADH dehydrogenase [ubiquinone] iron-sulfur protein 2, mitochondrial
NADH dehydrogenase [ubiquinone] iron-sulfur protein 3, mitochondrial
NADH dehydrogenase [ubiquinone] iron-sulfur protein 4, mitochondrial
NADH dehydrogenase [ubiquinone] iron-sulfur protein 5
NADH dehydrogenase [ubiquinone] iron-sulfur protein 6, mitochondrial
NADH dehydrogenase [ubiquinone] iron-sulfur protein 7, mitochondrial
NADH dehydrogenase [ubiquinone] iron-sulfur protein 8, mitochondrial
NADH dehydrogenase [ubiquinone] flavoprotein 1, mitochondrial
NADH dehydrogenase [ubiquinone] flavoprotein 2, mitochondrial
NADH dehydrogenase [ubiquinone] flavoprotein 3, mitochondrial
LIM zinc-binding domain-containing Nebulette
E3 ubiquitin-protein ligase NEDD4
NEDD8
Neurofilament medium polypeptide
Negative elongation factor D
Nestin
Nexilin
Nuclear factor 1 B-type
Nuclear factor 1 C-type
Nuclear factor 1 X-type
NFU1 iron-sulfur cluster scaffold homolog, mitochondrial
Ephexin-1
NHP2-like protein 1
Nidogen-1
Nidogen-2
NIF3-like protein 1
Ninjurin-1
Nitrilase homolog 1
Omega-amidase NIT2
NLR family member X1
Nucleoside diphosphate kinase A

Nucleoside diphosphate kinase B
Nucleoside diphosphate kinase 3
NmrA-like family domain-containing protein 1
Glycylpeptide N-tetradecanoyltransferase 1
NAD(P) transhydrogenase, mitochondrial
Non-POU domain-containing octamer-binding protein
Nucleolar protein 58
Neurogenic locus notch homolog protein 3
Protein NOV homolog
Probable aminopeptidase NPEPL1
Puromycin-sensitive aminopeptidase
Nucleophosmin
Nephronectin
Nephronectin
Neuroplastin
NAD(P)H dehydrogenase [quinone] 1
Ribosyldihydronicotinamide dehydrogenase [quinone]
Vesicle-fusing ATPase
NSFL1 cofactor p47
5(3)-deoxyribonucleotidase, cytosolic type
5-nucleotidase
Netrin-1
Nucleobindin-1
Nucleobindin-2
Nuclear migration protein nudC
Diphosphoinositol polyphosphate phosphohydrolase 3-beta
U8 snoRNA-decapping enzyme
8-oxo-dGDP phosphatase NUDT18
Cleavage and polyadenylation specificity factor subunit 5
Nucleoside diphosphate-linked moiety X motif 6
Peroxisomal coenzyme A diphosphatase NUDT7
Nuclear mitotic apparatus protein 1
Nuclear pore complex protein Nup133
Nuclear pore complex protein Nup155
Nuclear pore complex protein Nup160
Nuclear pore complex protein Nup93
Nuclear transport factor 2
Protein NYNRIN
Ornithine aminotransferase, mitochondrial
OCIA domain-containing protein 1
2-oxoglutarate dehydrogenase, mitochondrial

Mimecan
Obg-like ATPase 1
Osteomodulin
Dynammin-like 120 kDa protein, mitochondrial
Alpha-1-acid glycoprotein 1
Oxysterol-binding protein 1
Oxysterol-binding protein-related protein 11
Oxysterol-binding protein-related protein 3
Oxysterol-binding protein-related protein 9
Probable tRNA N6-adenosine threonylcarbamoyltransferase
Oligosaccharyltransferase complex subunit OSTC
Osteoclast-stimulating factor 1
Ubiquitin thioesterase OTUB1
Succinyl-CoA:3-ketoacid coenzyme A transferase 1, mitochondrial
Serine/threonine-protein kinase OSR1
Protein disulfide-isomerase
Proliferation-associated protein 2G4
Polyadenylate-binding protein 1
Polyadenylate-binding protein 2
Protein kinase C and casein kinase substrate in neurons protein 2
Platelet-activating factor acetylhydrolase IB subunit alpha
Platelet-activating factor acetylhydrolase IB subunit beta
Multifunctional protein ADE2
Serine/threonine-protein kinase PAK 2
Palladin
Paralemmin-1
Peroxisomal N(1)-acetyl-spermine/spermidine oxidase
Papilin
Bifunctional 3-phosphoadenosine 5-phosphosulfate synthase 2
Protein deglycase DJ-1
Poly [ADP-ribose] polymerase 12

Alpha-parvin
Beta-parvin
PRKC apoptosis WT1 regulator protein
Protein polybromo-1
Pre-B-cell leukemia transcription factor-interacting protein 1
Pyruvate carboxylase, mitochondrial
Poly(rC)-binding protein 1
Poly(rC)-binding protein 2
Propionyl-CoA carboxylase alpha chain, mitochondrial

Propionyl-CoA carboxylase beta chain, mitochondrial
Phosphoenolpyruvate carboxykinase [GTP], mitochondrial
Protein-L-isoaspartate(D-aspartate) O-methyltransferase
Procollagen C-endopeptidase enhancer 1
Prenylcysteine oxidase
Prenylcysteine oxidase-like
Choline-phosphate cytidyltransferase A
Programmed cell death protein 10
Programmed cell death protein 5
Programmed cell death protein 6
Programmed cell death 6-interacting protein
Parkinson disease 7 domain-containing protein 1
cGMP-inhibited 3,5-cyclic phosphodiesterase A
cGMP-specific 3,5-cyclic phosphodiesterase
Platelet-derived growth factor receptor beta
Pyruvate dehydrogenase E1 component subunit alpha, somatic form, mitochondrial
Pyruvate dehydrogenase E1 component subunit beta, mitochondrial
Pyruvate dehydrogenase protein X component, mitochondrial
Protein disulfide-isomerase A3
Protein disulfide-isomerase A4
Protein disulfide-isomerase A5
Protein disulfide-isomerase A6
[Pyruvate dehydrogenase (acetyl-transferring)] kinase isozyme 1, mitochondrial
[Pyruvate dehydrogenase (acetyl-transferring)] kinase isozyme 2, mitochondrial
[Pyruvate dehydrogenase (acetyl-transferring)] kinase isozyme 3, mitochondrial
PDZ and LIM domain protein 1
PDZ and LIM domain protein 3
PDZ and LIM domain protein 4
PDZ and LIM domain protein 5
PDZ and LIM domain protein 7
[Pyruvate dehydrogenase [acetyl-transferring]]-phosphatase 1, mitochondrial
Sister chromatid cohesion protein PDS5 homolog A
Sister chromatid cohesion protein PDS5 homolog B
Decaprenyl-diphosphate synthase subunit 2
Pyridoxal-dependent decarboxylase domain-containing protein 1
Pyridoxal kinase
Astrocytic phosphoprotein PEA-15
Phosphatidylethanolamine-binding protein 1
Platelet endothelial cell adhesion molecule
Peflin
Xaa-Pro dipeptidase

Peroxisomal biogenesis factor 19
Peroxisomal targeting signal 1 receptor
Platelet factor 4
Prefoldin subunit 2
Prefoldin subunit 5
Prefoldin subunit 6
ATP-dependent 6-phosphofructokinase, liver type
ATP-dependent 6-phosphofructokinase, muscle type
ATP-dependent 6-phosphofructokinase, platelet type
Profilin-1
Phosphoglycerate mutase 1
6-phosphogluconate dehydrogenase, decarboxylating
Phosphoglycerate kinase 1
6-phosphogluconolactonase
Phosphoglucomutase-1
Phosphoglucomutase-2
Phosphoacetylglucosamine mutase
Phosphoglucomutase-like protein 5
Phosphoglycolate phosphatase
Membrane-associated progesterone receptor component 1
Membrane-associated progesterone receptor component 2
Prohibitin
Prohibitin-2
D-3-phosphoglycerate dehydrogenase
Phytanoyl-CoA dioxygenase domain-containing protein 1
Peptidase inhibitor 15
Phosphatidylinositol 4-kinase alpha
Phosphatidylinositol-binding clathrin assembly protein
GPI transamidase component PIG-S
Phosphatidylinositol 3-kinase regulatory subunit alpha
Peptidyl-prolyl cis-trans isomerase NIMA-interacting 1
Phosphatidylinositol 5-phosphate 4-kinase type-2 alpha
Pirin
Phosphatidylinositol transfer protein alpha isoform
Phosphatidylinositol transfer protein beta isoform
Presequence protease, mitochondrial
Pyruvate kinase PKM
Pyruvate kinase PKM
Serine/threonine-protein kinase N1
HRAS-like suppressor 3
Cytosolic phospholipase A2

1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase beta-1
1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase beta-3
1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase delta-1
Plectin
Plasminogen
Perilipin-1
Perilipin-3
Perilipin-4
Procollagen-lysine,2-oxoglutarate 5-dioxygenase 3
Proteolipid protein 2
Plastin-3
Phospholipid scramblase 3
Plexin domain-containing protein 2
Plexin-B2
Protein PML
Mitochondrial-processing peptidase subunit alpha
Pinin
Purine nucleoside phosphorylase
Podocan
GDP-fucose protein O-fucosyltransferase 2
Protein O-glucosyltransferase 1
DNA-directed RNA polymerases I, II, and III subunit RPABC3
Serum paraoxonase/arylesterase 1
Serum paraoxonase/arylesterase 2
Serum paraoxonase/lactonase 3
NADPH--cytochrome P450 reductase
Periostin
Periostin
Inorganic pyrophosphatase
Inorganic pyrophosphatase 2, mitochondrial
Peptidyl-prolyl cis-trans isomerase A
Peptidyl-prolyl cis-trans isomerase B
Peptidyl-prolyl cis-trans isomerase C
Peptidyl-prolyl cis-trans isomerase D
Periplakin
Protein phosphatase 1B
Protein phosphatase methylesterase 1
Serine/threonine-protein phosphatase PP1-alpha catalytic subunit
Serine/threonine-protein phosphatase PP1-beta catalytic subunit
Serine/threonine-protein phosphatase PP1-gamma catalytic subunit
Protein phosphatase 1 regulatory subunit 12A

Protein phosphatase 1 regulatory subunit 12B
Protein phosphatase 1 regulatory subunit 12C
Protein phosphatase 1 regulatory subunit 14A
Protein phosphatase 1 regulatory subunit 7
Serine/threonine-protein phosphatase 2A catalytic subunit alpha isoform
Serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A alpha isoform
Serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B alpha isoform
Serine/threonine-protein phosphatase 2A activator
Serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit alpha isoform
Serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit gamma isoform
Serine/threonine-protein phosphatase 6 catalytic subunit
Serine/threonine-protein phosphatase 6 regulatory subunit 3
Palmitoyl-protein thioesterase 1
PRA1 family protein 2
Peroxiredoxin-1
Peroxiredoxin-2
Thioredoxin-dependent peroxide reductase, mitochondrial
Peroxiredoxin-4
Peroxiredoxin-5, mitochondrial
Peroxiredoxin-6
Prolargin
Prolyl endopeptidase
5-AMP-activated protein kinase catalytic subunit alpha-1
cAMP-dependent protein kinase catalytic subunit alpha
5-AMP-activated protein kinase subunit gamma-1
cAMP-dependent protein kinase type I-alpha regulatory subunit
cAMP-dependent protein kinase type II-alpha regulatory subunit
cAMP-dependent protein kinase type II-beta regulatory subunit
Protein kinase C alpha type
Protein kinase C delta type
Protein kinase C delta-binding protein
Glucosidase 2 subunit beta
cGMP-dependent protein kinase 1
Interferon-inducible double-stranded RNA-dependent protein kinase activator A
Vitamin K-dependent protein C
Endothelial protein C receptor
Proline synthase co-transcribed bacterial homolog protein
Pre-mRNA-processing factor 19
Pre-mRNA-processing-splicing factor 8
Peripherin
Ribose-phosphate pyrophosphokinase 1

Phosphoribosyl pyrophosphate synthase-associated protein 1

Protein PRRC1

Prosaposin

PC4 and SFRS1-interacting protein

Proteasome subunit alpha type-1

Proteasome subunit alpha type-2

Proteasome subunit alpha type-3

Proteasome subunit alpha type-4

Proteasome subunit alpha type-5

Proteasome subunit alpha type-6

Proteasome subunit alpha type-7

Proteasome subunit beta type-1

Proteasome subunit beta type-2

Proteasome subunit beta type-3

Proteasome subunit beta type-4

Proteasome subunit beta type-5

Proteasome subunit beta type-6

Proteasome subunit beta type-7

26S protease regulatory subunit 4

26S protease regulatory subunit 7

26S protease regulatory subunit 6A

26S protease regulatory subunit 6B

26S protease regulatory subunit 8

26S protease regulatory subunit 10B

26S proteasome non-ATPase regulatory subunit 1

26S proteasome non-ATPase regulatory subunit 11

26S proteasome non-ATPase regulatory subunit 12

26S proteasome non-ATPase regulatory subunit 13

26S proteasome non-ATPase regulatory subunit 14

26S proteasome non-ATPase regulatory subunit 2

26S proteasome non-ATPase regulatory subunit 3

26S proteasome non-ATPase regulatory subunit 4

26S proteasome non-ATPase regulatory subunit 5

26S proteasome non-ATPase regulatory subunit 6

26S proteasome non-ATPase regulatory subunit 7

26S proteasome non-ATPase regulatory subunit 8

26S proteasome non-ATPase regulatory subunit 9

Proteasome activator complex subunit 1

Proteasome activator complex subunit 2

Proteasome assembly chaperone 1

Polypyrimidine tract-binding protein 1

Polypyrimidine tract-binding protein 2
Pentatricopeptide repeat domain-containing protein 3, mitochondrial
Phosphotriesterase-related protein
Prostaglandin E synthase 2
Prostaglandin E synthase 3
Prostaglandin F2 receptor negative regulator
Prostacyclin synthase
Prostaglandin reductase 1
Prostaglandin reductase 2
Prostaglandin G/H synthase 1
Parathymsin
Protein tyrosine phosphatase type IVA 2
Tyrosine-protein phosphatase non-receptor type 11
Tyrosine-protein phosphatase non-receptor type 12
Tyrosine-protein phosphatase non-receptor type 23
Receptor-type tyrosine-protein phosphatase C
Polymerase I and transcript release factor
Peptidyl-tRNA hydrolase 2, mitochondrial
Poly(U)-binding-splicing factor PUF60
Transcriptional activator protein Pur-alpha
Peroxisin homolog
Paxillin
Glycogen phosphorylase, brain form
Glycogen phosphorylase, liver form
Glycogen phosphorylase, muscle form
Glutamine-tRNA ligase
Dihydropteridine reductase
Protein QIL1
Protein quaking
Ras-related protein Rab-10
Ras-related protein Rab-11B
Ras-related protein Rab-12
Ras-related protein Rab-14
Ras-related protein Rab-18
Ras-related protein Rab-1A
Ras-related protein Rab-1B
Ras-related protein Rab-21
Ras-related protein Rab-27B
Ras-related protein Rab-2A
Ras-related protein Rab-34
Ras-related protein Rab-35

Ras-related protein Rab-5A
Ras-related protein Rab-5B
Ras-related protein Rab-5C
Ras-related protein Rab-6B
Ras-related protein Rab-7a
Ras-related protein Rab-8A
Ras-related protein Rab-8B
Ras-related C3 botulinum toxin substrate 1
UV excision repair protein RAD23 homolog B
Ras-related protein Ral-A
RNA-binding protein Raly
GTP-binding nuclear protein Ran
Ran-specific GTPase-activating protein
E3 SUMO-protein ligase RanBP2
Ran GTPase-activating protein 1
Ras-related protein Rap-1A
Ras-related protein Rap-1b
Ras-related protein Rap-2c
Retinoic acid receptor responder protein 2
Arginine--tRNA ligase, cytoplasmic
Ribonucleoprotein PTB-binding 1
Histone-binding protein RBBP4
Histone-binding protein RBBP7
Putative hydrolase RBBP9
RNA-binding protein 14
Probable RNA-binding protein 19
RNA-binding protein 25
RNA-binding protein 3
RNA-binding protein 39
RNA binding motif protein, X-linked-like-1
Retinol-binding protein 1
Retinol-binding protein 4
RNA-binding protein with multiple splicing
RNA-binding protein with multiple splicing 2
Regulator of chromosome condensation
Reticulocalbin-2
Reticulocalbin-3
Retinol dehydrogenase 11
Retinol dehydrogenase 14
Radixin
Receptor expression-enhancing protein 5

Oligoribonuclease, mitochondrial
Regulator of G-protein signaling 18
Transforming protein RhoA
Rho-related GTP-binding protein RhoB
Rho-related GTP-binding protein RhoC
Rho-related GTP-binding protein RhoQ
Mitochondrial Rho GTPase 1
RILP-like protein 1
Regulator of microtubule dynamics protein 1
Regulator of microtubule dynamics protein 3
Ribonuclease 4
Ribonuclease inhibitor
Aminopeptidase B
Rho-associated protein kinase 1
Rho-associated protein kinase 2
Replication protein A 32 kDa subunit
Ribulose-phosphate 3-epimerase
60S ribosomal protein L10
60S ribosomal protein L10a
60S ribosomal protein L11
60S ribosomal protein L12
60S ribosomal protein L13
60S ribosomal protein L13a
60S ribosomal protein L14
60S ribosomal protein L15
60S ribosomal protein L17
60S ribosomal protein L18
60S ribosomal protein L18a
60S ribosomal protein L19
60S ribosomal protein L21
60S ribosomal protein L22
60S ribosomal protein L23
60S ribosomal protein L23a
60S ribosomal protein L24
60S ribosomal protein L26
60S ribosomal protein L27
60S ribosomal protein L27a
60S ribosomal protein L28
60S ribosomal protein L29
60S ribosomal protein L3
60S ribosomal protein L30

60S ribosomal protein L31
60S ribosomal protein L32
60S ribosomal protein L34
60S ribosomal protein L35
60S ribosomal protein L35a
60S ribosomal protein L36
60S ribosomal protein L37a
60S ribosomal protein L38
60S ribosomal protein L39
60S ribosomal protein L4
60S ribosomal protein L5
60S ribosomal protein L6
60S ribosomal protein L7
60S ribosomal protein L7a
60S ribosomal protein L8
60S ribosomal protein L9
60S acidic ribosomal protein P0
60S acidic ribosomal protein P1
60S acidic ribosomal protein P2
Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 1
Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 2
40S ribosomal protein S10
40S ribosomal protein S11
40S ribosomal protein S12
40S ribosomal protein S13
40S ribosomal protein S14
40S ribosomal protein S15
40S ribosomal protein S15a
40S ribosomal protein S16
40S ribosomal protein S17
40S ribosomal protein S18
40S ribosomal protein S19
40S ribosomal protein S2
40S ribosomal protein S20
40S ribosomal protein S21
40S ribosomal protein S23
40S ribosomal protein S24
40S ribosomal protein S25
40S ribosomal protein S26
Ubiquitin-40S ribosomal protein S27a
40S ribosomal protein S27-like

40S ribosomal protein S28
40S ribosomal protein S29
40S ribosomal protein S3
40S ribosomal protein S3a
40S ribosomal protein S4, X isoform
40S ribosomal protein S5
40S ribosomal protein S6
Ribosomal protein S6 kinase alpha-3
40S ribosomal protein S7
40S ribosomal protein S8
40S ribosomal protein S9
40S ribosomal protein SA
Regulatory-associated protein of mTOR
GTP-binding protein RAD
Ras-related protein R-Ras
Ribosome-binding protein 1
Ras suppressor protein 1
RNA 3-terminal phosphate cyclase
tRNA-splicing ligase RtcB homolog
Reticulon-1
Reticulon-2
Reticulon-3
Reticulon-4
Reticulon-4
RNA transcription, translation and transport factor protein
RUN and FYVE domain-containing protein 1
RuvB-like 1
Ryanodine receptor 1
Protein S100-A1
Protein S100-A10
Protein S100-A11
Protein S100-A13
Protein S100-A3
Protein S100-A4
Protein S100-A5
Protein S100-A6
Protein SAAL1
Phosphatidylinositide phosphatase SAC1
SUMO-activating enzyme subunit 1
Scaffold attachment factor B2
Deoxynucleoside triphosphate triphosphohydrolase SAMHD1

Sorting and assembly machinery component 50 homolog
GTP-binding protein SAR1a
GTP-binding protein SAR1b
Serine--tRNA ligase, cytoplasmic
Secretory carrier-associated membrane protein 1
Scavenger receptor class A member 5
Lysosome membrane protein 2
Saccharopine dehydrogenase-like oxidoreductase
Sec1 family domain-containing protein 1
Short coiled-coil protein
Non-specific lipid-transfer protein
Retinoid-inducible serine carboxypeptidase
Secernin-1
Secernin-2
Signal peptide, CUB and EGF-like domain-containing protein 3
Succinate dehydrogenase [ubiquinone] flavoprotein subunit, mitochondrial
Succinate dehydrogenase [ubiquinone] iron-sulfur subunit, mitochondrial
Succinate dehydrogenase cytochrome b560 subunit, mitochondrial
Succinate dehydrogenase [ubiquinone] cytochrome b small subunit, mitochondrial
Serum deprivation-response protein
Signal peptidase complex catalytic subunit SEC11A
Protein SEC13 homolog
Vesicle-trafficking protein SEC22b
Protein transport protein Sec23A
Protein transport protein Sec23B
SEC23-interacting protein
Protein transport protein Sec31A
Protein transport protein Sec31B
Protein transport protein Sec61 subunit alpha isoform 1
Selenium-binding protein 1
Selenoprotein M
Selenoprotein O
Selenoprotein T
Selenide, water dikinase 1
Selenoprotein P
Septin-11
Septin-2
Septin-5
Septin-6
Septin-7
Septin-8

Septin-9
Plasminogen activator inhibitor 1 RNA-binding protein
Alpha-1-antitrypsin 1-1
Alpha-1-antitrypsin 1-2
Alpha-1-antitrypsin 1-3
Alpha-1-antitrypsin 1-4
Alpha-1-antitrypsin 1-5
Serine protease inhibitor A3K
Serine protease inhibitor A3M
Serine protease inhibitor A3N
Corticosteroid-binding globulin
Leukocyte elastase inhibitor A
Serpine B6
Antithrombin-III
Heparin cofactor 2
Glia-derived nexin
Pigment epithelium-derived factor
Alpha-2-antiplasmin
Plasma protease C1 inhibitor
Serpine H1
Protein SET
Histone-lysine N-methyltransferase SETD7
Splicing factor 1
Splicing factor 3A subunit 1
Splicing factor 3A subunit 2
Splicing factor 3B subunit 1
Splicing factor 3B subunit 3
Splicing factor 3B subunit 4
14-3-3 protein sigma
Splicing factor, proline- and glutamine-rich
Secreted frizzled-related protein 1
Sideroflexin-1
Sideroflexin-3
Alpha-sarcoglycan
Beta-sarcoglycan
Delta-sarcoglycan
Epsilon-sarcoglycan
Gamma-sarcoglycan
Sphingosine-1-phosphate lyase 1
Small glutamine-rich tetratricopeptide repeat-containing protein alpha
SH3 domain-binding glutamic acid-rich-like protein

SH3 domain-binding glutamic acid-rich-like protein 3
SH3 domain-containing protein 21
Endophilin-A2
Endophilin-B1
Endophilin-B2
SH3 and PX domain-containing protein 2A
Serine hydroxymethyltransferase
Single-minded homolog 2
NAD-dependent protein deacetylase sirtuin-2
Superkiller viralicidic activity 2-like 2
S-phase kinase-associated protein 1
Solute carrier family 12 member 6
Neutral amino acid transporter B(0)
Tricarboxylate transport protein, mitochondrial
Mitochondrial dicarboxylate carrier
Mitochondrial 2-oxoglutarate/malate carrier protein
Calcium-binding mitochondrial carrier protein Aralar1
Mitochondrial carnitine/acylcarnitine carrier protein
Calcium-binding mitochondrial carrier protein SCaMC-1
Phosphate carrier protein, mitochondrial
ADP/ATP translocase 1
Mitochondrial coenzyme A transporter SLC25A42
ADP/ATP translocase 2
Solute carrier family 25 member 51
Long-chain fatty acid transport protein 1
Equilibrative nucleoside transporter 1
Solute carrier family 2, facilitated glucose transporter member 1
4F2 cell-surface antigen heavy chain
Choline transporter-like protein 2
Band 3 anion transport protein
Sodium bicarbonate cotransporter 3
Slit homolog 3 protein
Sarcolemmal membrane-associated protein
Probable global transcription activator SNF2L2
SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A mem
SWI/SNF complex subunit SMARCC2
Structural maintenance of chromosomes protein 1A
Structural maintenance of chromosomes protein 3
Essential MCU regulator, mitochondrial
SPARC-related modular calcium-binding protein 1
Sphingomyelin phosphodiesterase 4

Acid sphingomyelinase-like phosphodiesterase 3a
Acid sphingomyelinase-like phosphodiesterase 3b
Smoothelin
WD40 repeat-containing protein SMU1
Gamma-synuclein
Staphylococcal nuclease domain-containing protein 1
U5 small nuclear ribonucleoprotein 200 kDa helicase
U1 small nuclear ribonucleoprotein 70 kDa
U1 small nuclear ribonucleoprotein A
Small nuclear ribonucleoprotein-associated protein B
U2 small nuclear ribonucleoprotein B
Small nuclear ribonucleoprotein Sm D1
Small nuclear ribonucleoprotein Sm D3
Small nuclear ribonucleoprotein E
Small nuclear ribonucleoprotein F
Small nuclear ribonucleoprotein G
Alpha-1-syntrophin
Beta-1-syntrophin
Beta-2-syntrophin
Sorting nexin-1
Sorting nexin-12
Sorting nexin-17
Sorting nexin-18
Sorting nexin-2
Sorting nexin-3
Sorting nexin-4
Sorting nexin-5
Sorting nexin-6
Sorting nexin-9
Superoxide dismutase [Cu-Zn]
Superoxide dismutase [Mn], mitochondrial
Extracellular superoxide dismutase [Cu-Zn]
Sorbin and SH3 domain-containing protein 1
Sorbin and SH3 domain-containing protein 2
Vinexin
Sorbitol dehydrogenase
Sclerostin
C-Jun-amino-terminal kinase-interacting protein 4
SPARC
SPARC-like protein 1
Signal peptidase complex subunit 2

Spondin-1
Sepiapterin reductase
Spectrin alpha chain, erythrocytic 1
Spectrin alpha chain, non-erythrocytic 1
Spectrin beta chain, erythrocytic
Spectrin beta chain, non-erythrocytic 1
Sulfide:quinone oxidoreductase, mitochondrial
Sorcin
Spermidine synthase
Signal recognition particle 14 kDa protein
Signal recognition particle 54 kDa protein
Signal recognition particle receptor subunit alpha
Sushi-repeat-containing protein SRPX
Serine/arginine repetitive matrix protein 1
Serrate RNA effector molecule homolog
Serine/arginine-rich splicing factor 1
Serine/arginine-rich splicing factor 10
Serine/arginine-rich splicing factor 2
Serine/arginine-rich splicing factor 3
Serine/arginine-rich splicing factor 6
Serine/arginine-rich splicing factor 7
Lupus La protein homolog
Single-stranded DNA-binding protein, mitochondrial
Sarcospan
Translocon-associated protein subunit alpha
Translocon-associated protein subunit delta
Hsc70-interacting protein
Lactosylceramide alpha-2,3-sialyltransferase
Signal transducer and activator of transcription 3
Metalloreductase STEAP3
Stromal interaction molecule 1
Stress-induced-phosphoprotein 1
Serine/threonine-protein kinase 24
STE20/SPS1-related proline-alanine-rich protein kinase
Erythrocyte band 7 integral membrane protein
Stomatin-like protein 2, mitochondrial
Stonin-1
Serine-threonine kinase receptor-associated protein
Steryl-sulfatase
Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit STT3A
Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit STT3B

Syntaxin-12
Syntaxin-16
Syntaxin-7
Syntaxin-binding protein 1
Syntaxin-binding protein 3
Succinyl-CoA ligase [ADP-forming] subunit beta, mitochondrial
Succinyl-CoA ligase [ADP/GDP-forming] subunit alpha, mitochondrial
Succinyl-CoA ligase [GDP-forming] subunit beta, mitochondrial
Suppressor of G2 allele of SKP1 homolog
Extracellular sulfatase Sulf-1
SUN domain-containing protein 1
SUN domain-containing protein 2
Sulfite oxidase, mitochondrial
Surfeit locus protein 4
Sushi domain-containing protein 2
Supervillin
Syncoilin
Heterogeneous nuclear ribonucleoprotein Q
Nesprin-1
Nesprin-2
Synemin
Synaptopodin
Synaptopodin-2
Transgelin
Transgelin-2
Transgelin-3
Transaldolase
Tapasin
TAR DNA-binding protein 43
Threonine--tRNA ligase, cytoplasmic
TBC1 domain family member 1
Tubulin-specific chaperone D
Transcription elongation factor A protein 1
Transcription elongation factor B polypeptide 1
Transcription elongation factor B polypeptide 2
Transcobalamin-2
T-complex protein 1 subunit alpha
Testin
Serotransferrin
Transforming growth factor beta-1-induced transcript 1 protein
Transforming growth factor-beta-induced protein ig-h3

Protein-glutamine gamma-glutamyltransferase 2
Tyrosine 3-monooxygenase
Thrombospondin-1
Thrombospondin type-1 domain-containing protein 4
THUMP domain-containing protein 1
Thy-1 membrane glycoprotein
Mitochondrial import inner membrane translocase subunit Tim13
Mitochondrial import inner membrane translocase subunit TIM44
Mitochondrial import inner membrane translocase subunit TIM50
Metalloproteinase inhibitor 3
Tubulointerstitial nephritis antigen-like
Tight junction protein ZO-1
Transketolase
Talin-1
Talin-2
Transmembrane and coiled-coil domain-containing protein 1
Transmembrane emp24 domain-containing protein 10
Transmembrane emp24 domain-containing protein 2
Transmembrane emp24 domain-containing protein 9
Transmembrane protein 14C
Protein kish-A
Transmembrane protein 256
Transmembrane protein 43
Tropomodulin-1
Tropomodulin-3
Lamina-associated polypeptide 2, isoforms beta/delta/epsilon/gamma
Lamina-associated polypeptide 2, isoforms alpha/zeta
Thymosin beta-10
Thymosin beta-4
Transmembrane and TPR repeat-containing protein 3
Thioredoxin-related transmembrane protein 1
Thioredoxin-related transmembrane protein 2
Thioredoxin-related transmembrane protein 4
Tenascin
Tumor necrosis factor alpha-induced protein 8
Transportin-1
Transportin-2
Transportin-3
Tensin-2
Target of Myb protein 1
TOM1-like protein 2

Mitochondrial import receptor subunit TOM22 homolog
Mitochondrial import receptor subunit TOM34
Mitochondrial import receptor subunit TOM5 homolog
Mitochondrial import receptor subunit TOM70
DNA topoisomerase 2-alpha
DNA topoisomerase 2-beta
Torsin-1A-interacting protein 1
Torsin-1A-interacting protein 2
Torsin-1B
Torsin-3A
Tumor protein D52
Tumor protein D54
Triosephosphate isomerase
Tropomyosin alpha-1 chain
Tropomyosin alpha-3 chain
Tropomyosin alpha-4 chain
Tripeptidyl-peptidase 1
Tubulin polymerization-promoting protein
Tubulin polymerization-promoting protein family member 3
Nucleoprotein TPR
Tumor protein p63-regulated gene 1-like protein
EKC/KEOPS complex subunit Tprkb
Translationally-controlled tumor protein
Heat shock protein 75 kDa, mitochondrial
Trafficking protein particle complex subunit 2
Trafficking protein particle complex subunit 3
Trafficking protein particle complex subunit 6B
E3 ubiquitin-protein ligase TRIM23
Transcription intermediary factor 1-beta
Tripartite motif-containing protein 47
Triple functional domain protein
Cdc42-interacting protein 4
Thyroid receptor-interacting protein 6
Multifunctional methyltransferase subunit TRM112-like protein
CCA tRNA nucleotidyltransferase 1, mitochondrial
Translin
Translin-associated protein X
Tetraspanin-4
Tetraspanin-9
Translocator protein
Thiosulfate sulfurtransferase

Tetratricopeptide repeat protein 28
Tetratricopeptide repeat protein 38
Tubulin--tyrosine ligase-like protein 12
Titin
Transthyretin
Tubulin alpha-1A chain
Tubulin alpha-1B chain
Tubulin alpha-1C chain
Tubulin alpha-4A chain
Tubulin beta-2B chain
Tubulin beta-3 chain
Tubulin beta-4A chain
Tubulin beta-4B chain
Tubulin beta-5 chain
Tubulin beta-6 chain
Elongation factor Tu, mitochondrial
Twincilin-1
Twincilin-2
Thioredoxin
Thioredoxin, mitochondrial
Thioredoxin domain-containing protein 17
Thioredoxin domain-containing protein 5
Thioredoxin-like protein 1
Thioredoxin reductase 1, cytoplasmic
Splicing factor U2AF 35 kDa subunit
Splicing factor U2AF 65 kDa subunit
UDP-N-acetylhexosamine pyrophosphorylase-like protein 1
Ubiquitin-like modifier-activating enzyme 1
SUMO-activating enzyme subunit 2
NEDD8-activating enzyme E1 catalytic subunit
Ubiquitin-like modifier-activating enzyme 5
Ubiquitin-associated protein 2-like
Ubiquitin-conjugating enzyme E2 D2
SUMO-conjugating enzyme UBC9
Ubiquitin-conjugating enzyme E2 K
Ubiquitin-conjugating enzyme E2 L3
Ubiquitin-conjugating enzyme E2 N
Ubiquitin-conjugating enzyme E2 variant 2
Ubiquitin-protein ligase E3C
Ubiquitin conjugation factor E4 A
Ubiquitin conjugation factor E4 B

Ubiquitin-like protein 5
Ubiquilin-1
Ubiquilin-2
E3 ubiquitin-protein ligase UBR4
UBX domain-containing protein 1
UBX domain-containing protein 6
Ubiquitin carboxyl-terminal hydrolase isozyme L1
Ubiquitin carboxyl-terminal hydrolase isozyme L3
Mitochondrial brown fat uncoupling protein 1
Ubiquitin-fold modifier-conjugating enzyme 1
Ubiquitin fusion degradation protein 1 homolog
Ubiquitin-fold modifier 1
UDP-glucose 6-dehydrogenase
UDP-glucose:glycoprotein glucosyltransferase 1
UTP--glucose-1-phosphate uridylyltransferase
UDP-glucuronosyltransferase 1-9
Uridine 5-monophosphate synthase
Protein unc-45 homolog A
Regulator of nonsense transcripts 1
Cytochrome b-c1 complex subunit 9
Cytochrome b-c1 complex subunit 10
Cytochrome b-c1 complex subunit 7
Cytochrome b-c1 complex subunit 1, mitochondrial
Cytochrome b-c1 complex subunit 2, mitochondrial
Cytochrome b-c1 complex subunit Rieske, mitochondrial
Cytochrome b-c1 complex subunit 6, mitochondrial
Cytochrome b-c1 complex subunit 8
Uroporphyrinogen decarboxylase
Up-regulated during skeletal muscle growth protein 5
General vesicular transport factor p115
Ubiquitin carboxyl-terminal hydrolase 14
Ubiquitin carboxyl-terminal hydrolase 15
Ubiquitin carboxyl-terminal hydrolase 20
Ubiquitin carboxyl-terminal hydrolase 4
Ubiquitin carboxyl-terminal hydrolase 5
Ubiquitin carboxyl-terminal hydrolase 7
Probable ubiquitin carboxyl-terminal hydrolase FAF-X
Protein VAC14 homolog
Vesicle-associated membrane protein-associated protein A
Vesicle-associated membrane protein-associated protein B
Valine--tRNA ligase

Vasorin
Vasodilator-stimulated phosphoprotein
Synaptic vesicle membrane protein VAT-1 homolog
Synaptic vesicle membrane protein VAT-1 homolog-like
Prefoldin subunit 3
Versican core protein
Vinculin
Transitional endoplasmic reticulum ATPase
Voltage-dependent anion-selective channel protein 1
Voltage-dependent anion-selective channel protein 2
Voltage-dependent anion-selective channel protein 3
Vimentin
Vitamin K epoxide reductase complex subunit 1
Vitamin K epoxide reductase complex subunit 1-like protein 1
Vacuolar protein-sorting-associated protein 25
Vacuolar protein sorting-associated protein 26B
Vacuolar protein sorting-associated protein 28 homolog
Vacuolar protein sorting-associated protein 29
Vacuolar protein sorting-associated protein 35
VPS35 endosomal protein-sorting factor-like
Vacuolar protein-sorting-associated protein 36
Vacuolar protein sorting-associated protein 45
Vacuolar protein sorting-associated protein 4A
Vacuolar protein sorting-associated protein 4B
Vacuolar protein sorting-associated protein VTA1 homolog
Vitronectin
von Willebrand factor A domain-containing protein 1
von Willebrand factor A domain-containing protein 5A
von Willebrand factor A domain-containing protein 5B2
von Willebrand factor A domain-containing protein 8
von Willebrand factor
Tryptophan--tRNA ligase, cytoplasmic
WW domain-binding protein 2
WD repeat-containing protein 1
WD repeat-containing protein 47
WD repeat-containing protein 61
Wolframin
WNT1-inducible-signaling pathway protein 2
Xanthine dehydrogenase/oxidase
Xin actin-binding repeat-containing protein 1
Xaa-Pro aminopeptidase 1

Exportin-1
Xyloside xylosyltransferase 1
Tyrosine--tRNA ligase, cytoplasmic
Nuclease-sensitive element-binding protein 1
Tyrosine-protein kinase Yes
Synaptobrevin homolog YKT6
14-3-3 protein beta/alpha
14-3-3 protein epsilon
14-3-3 protein gamma
14-3-3 protein eta
14-3-3 protein theta
14-3-3 protein zeta/delta
Mitogen-activated protein kinase kinase kinase MLT
Zinc finger CCCH domain-containing protein 4
Zinc finger protein 36, C3H1 type-like 1
Zinc finger protein 58
CAAX prenyl protease 1 homolog
Centromere/kinetochore protein zw10 homolog
Zyxin

Complex, mitochondrial

x, mitochondrial

complex, mitochondrial

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