Supplementary information

TableS5. differentially expressed genes between macaque NSC1 and mouse RGL

gene	monkey-RGL	mouse-RGL	group	specific
A1BG	0.0023521	0	conserved	conserved
A1CF	0.00145098	0	conserved	conserved
A4GALT	0.00717387	0	conserved	conserved
AAAS	0.05867503	0.08200088	conserved	conserved
AACS	0.71223337	0.21482106	conserved	conserved
AADAC	0	0	conserved	conserved
AADACL2	0.00237592	0	conserved	conserved
AADACL3	0.00413201	0	conserved	conserved
AADAT	0.20668103	0.0121163	conserved	conserved
AAK1	2.9910779	0.42394477	conserved	conserved
AAMDC	0.59907212	1.43065703	conserved	conserved
AAMP	0.14776119	1.48655668	mouse-RGL	conserved
AANAT	0	0	conserved	conserved
AAR2	0.14276545	0.19863829	conserved	conserved
AARD	0	0.39601248	conserved	conserved
AARS2	0.21336212	0.06175026	conserved	conserved
AASDH	0.79961458	0.05145923	conserved	conserved
AASDHPPT	0.8331305	0.54234939	conserved	conserved
AASS	1.27488599	0.03832805	monkey-NSC	conserved
AATF	0.53621196	0.19412424	conserved	conserved
ABAT	1.59402858	0.40329552	monkey-NSC	conserved
ABCA1	2.89624213	1.15055388	conserved	conserved
ABCA12	0.04417001	0	conserved	conserved
ABCA13	0.04955569	0	conserved	conserved
ABCA3	0.9209778	0.22904455	conserved	conserved
ABCA4	0.00536793	0	conserved	conserved
ABCA5	0.31331686	0.1908314	conserved	conserved
ABCA6	0.05785886	0.15052633	conserved	conserved
ABCA7	0.07613118	0.00596726	conserved	conserved
ABCA9	0.0568135	0.01642595	conserved	conserved
ABCB11	0.03483886	0	conserved	conserved
ABCB5	0.01496058	0	conserved	conserved
ABCB7	0.47046852	0.07842646	conserved	conserved
ABCB8	0.12005251	0.287381	conserved	conserved
ABCB9	0.43176929	0.43037303	conserved	conserved
ABCC1	0.39762032	0.13106504	conserved	conserved
ABCC10	0.23803946	0.09055623	conserved	conserved

Gene	Value 1	Value 2	Col 3	Col 4
ABCC12	0	0.01103082	conserved	conserved
ABCC2	0.42498226	0	conserved	conserved
ABCC3	0.02649458	0.03027347	conserved	conserved
ABCC4	0.31316853	0.06941777	conserved	conserved
ABCC5	1.17211576	0.38329826	conserved	conserved
ABCC6	0.00425518	0	conserved	conserved
ABCC8	0.23459705	0.01041472	conserved	conserved
ABCC9	0.02098716	0	conserved	conserved
ABCD2	1.07808977	0.1665651	conserved	conserved
ABCD3	1.14989126	0.91193288	conserved	conserved
ABCD4	0.25810462	0.14722951	conserved	conserved
ABCE1	0.29660666	0.43117243	conserved	conserved
ABCF1	0.27847309	0.44006345	conserved	conserved
ABCF3	0.04469806	0.18576337	conserved	conserved
ABCG1	0.09478822	0.02758394	conserved	conserved
ABCG4	0.03405918	0.06950559	conserved	conserved
ABCG5	0.03572662	0.00393795	conserved	conserved
ABCG8	0.00960018	0	conserved	conserved
ABHD10	0.07967947	0.27148303	conserved	conserved
ABHD11	0.0357248	0.5574061	conserved	conserved
ABHD12	0.64238587	0.75123573	conserved	conserved
ABHD12B	0.0371097	0	conserved	conserved
ABHD13	0.12596407	0.17387152	conserved	conserved
ABHD15	0.02830184	0.004023	conserved	conserved
ABHD16A	0.36611597	0.44178512	conserved	conserved
ABHD17B	0.34462293	1.19518186	conserved	conserved
ABHD18	1.11653929	0.17101218	conserved	conserved
ABHD2	1.95233034	0.48382193	conserved	conserved
ABHD3	1.11071027	0.09883173	monkey-NSC	conserved
ABHD5	0.0924888	0.22513727	conserved	conserved
ABHD6	0.43858574	0.27387624	conserved	conserved
ABI1	2.58696028	0.60828087	conserved	conserved
ABI2	6.62486672	0.7446175	monkey-NSC	conserved
ABI3BP	0.08162293	0	conserved	conserved
ABL1	1.85556263	0.25021814	conserved	conserved
ABL2	1.94494805	0.1752391	conserved	conserved
ABLIM1	12.2471571	0.07011554	monkey-NSC	conserved
ABLIM2	0.36618777	0.10573248	conserved	conserved
ABR	3.21282953	0.16305358	conserved	conserved
ABRA	0.00219479	0	conserved	conserved
ABT1	0.01592365	0.19740925	conserved	conserved

ABTB1	0.07664853	0.19157071	conserved	conserved
ACAA2	0.10337473	0.68705804	conserved	conserved
ACACA	1.2645444	0.33819995	monkey-NSC	conserved
ACAD8	0.06336573	0.23443909	conserved	conserved
ACAD9	0.1342618	0.13508011	conserved	conserved
ACADM	0.57708468	0.84612366	conserved	conserved
ACADS	0.13210112	0.42409922	conserved	conserved
ACADSB	0.87088565	0.48448134	conserved	conserved
ACADVL	0.2886582	0.51440583	conserved	conserved
ACAN	0.01397649	0	conserved	conserved
ACAP1	0.00941338	0.00909658	conserved	conserved
ACAP2	5.82211482	0.32597596	monkey-NSC	conserved
ACBD3	0.51384567	0.18859038	conserved	conserved
ACBD4	0.15997104	0.26554914	conserved	conserved
ACBD5	0.39562072	0.53684283	conserved	conserved
ACBD6	1.9340892	0.86999661	conserved	conserved
ACCSL	0.00517793	0	conserved	conserved
ACD	0.01236758	0.42846551	conserved	conserved
ACE	0.04583287	0.01323827	conserved	conserved
ACE2	0.01225186	0	conserved	conserved
ACER1	0.06807671	0	conserved	conserved
ACER2	0.39363964	0.00410261	conserved	conserved
ACER3	0.9200284	0.07633597	conserved	conserved
ACHE	0.03658967	0.05684597	conserved	conserved
ACIN1	1.4699688	1.00593007	conserved	conserved
ACKR1	0.01022075	0.04924023	conserved	conserved
ACKR2	0.00750468	0	conserved	conserved
ACKR3	0.03015934	0.03872612	conserved	conserved
ACKR4	0.00819719	0	conserved	conserved
ACLY	0.43992882	0.65982548	conserved	conserved
ACMSD	0.01065126	0	conserved	conserved
ACO1	0.83886351	0.27318777	conserved	conserved
ACO2	2.11436075	0.91077665	conserved	conserved
ACOT12	0.02369616	0	conserved	conserved
ACOT7	0.37674541	0.29679092	conserved	conserved
ACOT8	0.16540352	0.15727875	conserved	conserved
ACOX2	0.43753879	0	conserved	conserved
ACOX3	0.16855446	0.1754637	conserved	conserved
ACP5	0.00125568	0.00295075	conserved	conserved
ACP6	0.19958424	0.26220266	conserved	conserved
ACR	0	0	conserved	conserved

ACRBP	0.0142812	0.13307679	conserved	conserved
ACRV1	0.00390595	0	conserved	conserved
ACSBG1	4.55761879	1.18038024	monkey-NSC	conserved
ACSBG2	0.05561077	0	conserved	conserved
ACSF2	0.41706032	0.59227819	conserved	conserved
ACSF3	0.25029733	0.04804856	conserved	conserved
ACSL1	0.12198862	0.03138049	conserved	conserved
ACSL3	2.15699893	1.22893173	monkey-NSC	conserved
ACSL4	0.63311649	0.07283685	conserved	conserved
ACSL5	0.02338018	0.03359295	conserved	conserved
ACSM1	0.00402558	0	conserved	conserved
ACSM3	0.02659608	0	conserved	conserved
ACSM4	0.07526205	0	conserved	conserved
ACSS1	2.42498818	0.45102916	conserved	conserved
ACSS2	0.35126075	0.17471708	conserved	conserved
ACSS3	0.56191726	0	conserved	conserved
ACTA1	0.00458587	0.01018144	conserved	conserved
ACTA2	0.00977779	0.04540718	conserved	conserved
ACTB	0.72335202	19.6995832	mouse-RGL	conserved
ACTC1	0.00595367	0	conserved	conserved
ACTG1	1.47695493	10.7778924	mouse-RGL	conserved
ACTG2	0.00706768	0	conserved	conserved
ACTL6A	0.06171363	0.85924012	mouse-RGL	conserved
ACTL6B	0.14253965	0.06779551	conserved	conserved
ACTL7A	0	0	conserved	conserved
ACTL7B	0.00492949	0.00776411	conserved	conserved
ACTN1	0.77400477	0.32180696	conserved	conserved
ACTN2	0.13063155	0.00941521	conserved	conserved
ACTN3	0.00585145	0	conserved	conserved
ACTN4	0.71703615	0.51446222	conserved	conserved
ACTR10	0.89654864	0.72274016	conserved	conserved
ACTR1A	0.18199921	0.66620962	conserved	conserved
ACTR1B	0.26950389	0.53147024	conserved	conserved
ACTR3	0.8680611	1.39346119	conserved	conserved
ACTR5	0.18924383	0.06109442	conserved	conserved
ACTRT1	0	0	conserved	conserved
ACTRT3	0.01932989	0	conserved	conserved
ACVR1	1.36916978	0.14634155	conserved	conserved
ACVR1B	0.16927809	0.1167203	conserved	conserved
ACVR1C	0.51305697	0	conserved	conserved
ACVR2A	0.66688789	0.09031989	conserved	conserved

ACVR2B	0.08501265	0.13311943	conserved	conserved
ACVRL1	0.00197541	0	conserved	conserved
ACY3	0	0.01630508	conserved	conserved
ADAD1	0.01156655	0	conserved	conserved
ADAD2	0	0	conserved	conserved
ADAL	0.36674396	0.17247063	conserved	conserved
ADAM10	1.59704968	0.5255311	conserved	conserved
ADAM11	0.26906087	0.07760357	conserved	conserved
ADAM12	0.10051567	0.02620032	conserved	conserved
ADAM15	0.27934619	0.19760709	conserved	conserved
ADAM17	0.69315576	0.24865613	conserved	conserved
ADAM2	0.00798222	0	conserved	conserved
ADAM22	1.10036915	0.15411451	conserved	conserved
ADAM23	1.144225	0.28333685	conserved	conserved
ADAM28	0.08728914	0.01560838	conserved	conserved
ADAM33	0.10779023	0.00393916	conserved	conserved
ADAM7	0.01348958	0	conserved	conserved
ADAM8	0.07278083	0.00641621	conserved	conserved
ADAMDEC1	0	0	conserved	conserved
ADAMTS1	0.03110354	0.46071668	conserved	conserved
ADAMTS12	0.06475997	0	conserved	conserved
ADAMTS13	0.25540662	0	conserved	conserved
ADAMTS14	0.00417075	0	conserved	conserved
ADAMTS15	0.00973162	0.00466381	conserved	conserved
ADAMTS16	0.06386264	0.01396925	conserved	conserved
ADAMTS17	0.11064526	0.01513954	conserved	conserved
ADAMTS18	0.38188619	0.10860236	conserved	conserved
ADAMTS2	0.22730534	0.01800994	conserved	conserved
ADAMTS20	0.00705326	0.01405657	conserved	conserved
ADAMTS3	1.06876123	0.00555424	conserved	conserved
ADAMTS4	0.0233946	0.04186158	conserved	conserved
ADAMTS5	0.03392078	0.0183239	conserved	conserved
ADAMTS6	0.17658736	0.03263887	conserved	conserved
ADAMTS7	0.18275601	0.02228817	conserved	conserved
ADAMTS8	0.07771531	0.02569243	conserved	conserved
ADAMTS9	0.45892346	0.15999543	conserved	conserved
ADAMTSL1	0.10760229	0.01477157	conserved	conserved
ADAMTSL2	0.00902151	0.00575761	conserved	conserved
ADAMTSL3	0.69573023	0.00616726	conserved	conserved
ADAMTSL4	0.0381645	0.01467944	conserved	conserved
ADAP1	0.14904667	0.02185884	conserved	conserved

Gene	Value 1	Value 2	Status 1	Status 2
ADAR	0.51987188	0.19978877	conserved	conserved
ADARB1	0.59748717	0.11210465	conserved	conserved
ADAT1	0.08934504	0.12367986	conserved	conserved
ADAT2	0.05944672	0.09470649	conserved	conserved
ADCK1	0.24884659	0.08901939	conserved	conserved
ADCY10	0.29033103	0.0356816	conserved	conserved
ADCY2	4.79522076	0.28481918	monkey-NSC	conserved
ADCY3	0.41389588	0.21960414	conserved	conserved
ADCY4	0.00688695	0	conserved	conserved
ADCY5	0.43248523	0.04048363	conserved	conserved
ADCY6	0.37980163	0.06318378	conserved	conserved
ADCY7	0.0208953	0.0031327	conserved	conserved
ADCY8	1.82499058	0.03223148	monkey-NSC	conserved
ADCYAP1R1	1.66389531	1.52352875	monkey-NSC	conserved
ADD1	2.66422355	1.11330304	conserved	conserved
ADD2	0.36678488	0.09682104	conserved	conserved
ADD3	7.84539473	0.53755341	conserved	conserved
ADGB	0.02576127	0.00762365	conserved	conserved
ADGRA1	0.17689649	0.11969486	conserved	conserved
ADGRA2	0.04590779	0.01209267	conserved	conserved
ADGRB1	0.67643062	1.19647705	conserved	conserved
ADGRB2	0.61630424	0.5835063	conserved	conserved
ADGRB3	41.6593037	0.56406721	conserved	conserved
ADGRD1	0.0155202	0.00171907	conserved	conserved
ADGRE1	0.00381811	0	conserved	conserved
ADGRE5	0.0182059	0.01709501	conserved	conserved
ADGRF1	0	0	conserved	conserved
ADGRF3	1.37082231	0	monkey-NSC	conserved
ADGRF4	0.00212252	0	conserved	conserved
ADGRF5	0.01657134	0	conserved	conserved
ADGRG1	1.87343585	1.33854666	conserved	conserved
ADGRG2	0.28049482	0.00322465	conserved	conserved
ADGRG3	0.03320686	0	conserved	conserved
ADGRG4	0.00453243	0.00413694	conserved	conserved
ADGRG5	0.01303021	0	conserved	conserved
ADGRG6	0.03969954	0.02162032	conserved	conserved
ADGRG7	0.00981019	0	conserved	conserved
ADGRL2	0.38764492	0.18933751	conserved	conserved
ADGRL3	7.05743444	0.42269952	monkey-NSC	conserved
ADGRL4	0.03691912	0.00233402	conserved	conserved
ADGRV1	81.5478438	0.52387397	conserved	conserved

Gene	Value 1	Value 2	Status 1	Status 2
ADH4	0.00078847	0	conserved	conserved
ADI1	0.22712951	0.27097975	conserved	conserved
ADIPOQ	0.0008828	0	conserved	conserved
ADIPOR1	0.20839276	0.85446658	conserved	conserved
ADIPOR2	0.50483959	0.36620518	conserved	conserved
ADK	5.05099295	0.85651818	monkey-NSC	conserved
ADM	0.00151097	0.00629865	conserved	conserved
ADNP	2.48625071	0	conserved	conserved
ADO	0.00154401	0.45059434	conserved	conserved
ADORA1	0.79526656	0.40593265	conserved	conserved
ADRA1A	1.54873103	0.0167323	monkey-NSC	conserved
ADRB2	0.00268168	0.00394037	conserved	conserved
ADRB3	0	0	conserved	conserved
ADSL	0.0905262	0.25318772	conserved	conserved
ADTRP	0.07941055	0	conserved	conserved
AEBP2	1.4236194	0.25208281	conserved	conserved
AEN	0.01140699	0.37716078	conserved	conserved
AFAP1	0.17802807	0.37470151	conserved	conserved
AFAP1L1	0.10763695	0.04501905	conserved	conserved
AFF1	2.26958006	0.03563324	monkey-NSC	conserved
AFF2	1.12898416	0.00804403	conserved	conserved
AFMID	0.07112461	0	conserved	conserved
AFP	0	0	conserved	conserved
AFTPH	0.67898664	0.24620742	conserved	conserved
AGA	0.10832926	0.08714034	conserved	conserved
AGAP2	0.0249019	0.04402406	conserved	conserved
AGAP3	0.36563031	0.20746552	conserved	conserved
AGBL1	0.58711763	0.00746845	conserved	conserved
AGBL2	0.16479923	0	conserved	conserved
AGBL3	0.19012839	0.26861365	conserved	conserved
AGER	0.06793292	0	conserved	conserved
AGFG1	0.94996207	0.29433834	conserved	conserved
AGFG2	0.33915901	0.26198221	conserved	conserved
AGK	1.04022418	0.22692843	conserved	conserved
AGL	1.16922848	1.9204031	conserved	conserved
AGMAT	0.05387885	0.00345616	conserved	conserved
AGMO	0.02718022	0.01111739	conserved	conserved
AGO1	0.53281373	0.46220892	conserved	conserved
AGO2	1.03214505	0.41998765	conserved	conserved
AGPAT1	0.14759296	0.32265844	conserved	conserved
AGPAT2	0.01465139	0.1110449	conserved	conserved

AGPAT4	0.57150591	0.36632102	conserved	conserved
AGPAT5	1.66539117	0.54861764	conserved	conserved
AGPS	0.91451281	0.15382581	conserved	conserved
AGR2	0.00333144	0	conserved	conserved
AGR3	0.12122099	0.00682812	conserved	conserved
AGT	1.62910229	0.22818711	monkey-NSC	conserved
AGTPBP1	1.1082179	0.19176318	conserved	conserved
AGXT	0	0	conserved	conserved
AGXT2	0.00586023	0	conserved	conserved
AHCTF1	3.4835571	0.31385104	conserved	conserved
AHCYL1	3.87830297	1.39473074	conserved	conserved
AHCYL2	10.087223	0.24726981	conserved	conserved
AHDC1	0.49736901	0.29486609	conserved	conserved
AHNAK	0.58089894	0.08895824	conserved	conserved
AHSA1	0.17668379	0.97812045	conserved	conserved
AHSG	0	0	conserved	conserved
AICDA	0	0	conserved	conserved
AIF1	0.00212995	0.02841217	conserved	conserved
AIF1L	0.10437985	0.64387073	conserved	conserved
AIFM1	0.27354807	0.22708683	conserved	conserved
AIFM2	0.12124318	0.04436808	conserved	conserved
AIFM3	1.76142854	0.09298023	monkey-NSC	conserved
AIG1	3.30066434	0.33250536	conserved	conserved
AIM2	0.03304055	0.00816121	conserved	conserved
AIMP1	0.12053396	0.83140925	conserved	conserved
AIMP2	0.15651474	0.26337947	conserved	conserved
AIP	0.13422441	0.34843924	conserved	conserved
AIPL1	0.00747401	0	conserved	conserved
AIRE	0.14233491	0.00265787	conserved	conserved
AJUBA	0.0149012	0.13402596	conserved	conserved
AK1	0.13888247	0.60912666	conserved	conserved
AK3	0.40288708	0.77260775	conserved	conserved
AK5	1.92964248	0.03295433	monkey-NSC	conserved
AK7	0.04334184	0	conserved	conserved
AK8	0.76314876	0	conserved	conserved
AK9	0.08770528	0.00203474	conserved	conserved
AKAP1	1.06239116	0.09274818	monkey-NSC	conserved
AKAP10	1.26372618	0.0468959	monkey-NSC	conserved
AKAP11	1.0070401	0.48766598	conserved	conserved
AKAP12	1.16233785	0.04373466	conserved	conserved
AKAP13	1.94402632	0.24768863	conserved	conserved

AKAP14	0.0294625	0	conserved	conserved
AKAP3	0.0588966	0	conserved	conserved
AKAP4	0	0	conserved	conserved
AKAP6	3.16923805	0.0878569	conserved	conserved
AKAP7	1.47211229	0.4235583	conserved	conserved
AKAP8L	2.96812219	0.50170266	conserved	conserved
AKAP9	3.2685496	1.0822693	conserved	conserved
AKIP1	0.189033	0.16196778	conserved	conserved
AKIRIN1	0.33892701	0.85670687	conserved	conserved
AKIRIN2	0.23206156	0.67498337	conserved	conserved
AKNA	0.14712344	0.01529163	conserved	conserved
AKR1A1	0.70717892	3.21965698	conserved	conserved
AKR1D1	0.00659162	0	conserved	conserved
AKT1	0.15778002	0.57229828	conserved	conserved
AKT2	0.5384579	0.74571781	conserved	conserved
AKT3	6.65026431	0.15436231	conserved	conserved
AKTIP	0.21051026	0.96860765	conserved	conserved
ALAD	0.08626262	0.3527653	conserved	conserved
ALAS1	0.05687307	0.23517371	conserved	conserved
ALAS2	0.01027775	0	conserved	conserved
ALB	0.00120269	0	conserved	conserved
ALCAM	2.30406414	1.34951589	monkey-NSC	conserved
ALDH18A1	0.43131058	0.22066935	conserved	conserved
ALDH1A1	8.65429433	0.03908737	monkey-NSC	conserved
ALDH1A2	0.09239431	0	conserved	conserved
ALDH1A3	0.00103139	0	conserved	conserved
ALDH1B1	0.00184147	0.00845086	conserved	conserved
ALDH1L1	1.86513067	0.32984974	monkey-NSC	conserved
ALDH1L2	0.16015321	0.02006077	conserved	conserved
ALDH3A1	0.01802457	0	conserved	conserved
ALDH3A2	0.46269046	0.170698	conserved	conserved
ALDH4A1	0.52580683	0.18788685	conserved	conserved
ALDH5A1	0.31510462	0.38470087	conserved	conserved
ALDH6A1	0.70142485	0.81851235	conserved	conserved
ALDOB	0	0	conserved	conserved
ALDOC	1.78612724	14.576824	conserved	conserved
ALG11	0.30673758	0.21108543	conserved	conserved
ALG12	0.48527145	0.06911869	conserved	conserved
ALG13	0.40199773	0.09602667	conserved	conserved
ALG2	0.15082762	0.3774251	conserved	conserved
ALG3	0.02516076	0.1104021	conserved	conserved

ALG5	0.30749658	0.51119941	conserved	conserved
ALG6	0.64138118	0.11488757	conserved	conserved
ALG8	0.8863762	0.07710328	conserved	conserved
ALK	2.53704903	0	monkey-NSC	conserved
ALKBH1	0.36225382	0.44137067	conserved	conserved
ALKBH2	0.14611383	0.1769754	conserved	conserved
ALKBH3	0.29886691	0.30449101	conserved	conserved
ALKBH4	0.20930683	0.07847429	conserved	conserved
ALKBH5	0.55682862	0.58644452	conserved	conserved
ALKBH6	0.05229541	0.43086916	conserved	conserved
ALKBH7	0.05373418	0.40033348	conserved	conserved
ALKBH8	0.23464899	0.20911252	conserved	conserved
ALLC	0.00582054	0	conserved	conserved
ALOX12	0.24776128	0	conserved	conserved
ALOX15	0.04902687	0	conserved	conserved
ALOX5	0.00628095	0	conserved	conserved
ALOX5AP	0.008387	0.00898504	conserved	conserved
ALOXE3	0.01580848	0.00924412	conserved	conserved
ALPK1	0.32385888	0.02715841	conserved	conserved
ALPK2	0.01811964	0.00334117	conserved	conserved
ALPL	0.14745892	0	conserved	conserved
ALS2	0.81622706	0.05357609	conserved	conserved
ALS2CL	0.00180016	0.01401577	conserved	conserved
AMACR	0.05031057	0.06085522	conserved	conserved
AMBN	0	0	conserved	conserved
AMBP	0	0	conserved	conserved
AMDHD1	0.00817023	0.00235282	conserved	conserved
AMER1	0.00939052	0.21151335	conserved	conserved
AMFR	0.60080387	1.08210058	conserved	conserved
AMIGO1	0.02445302	0.21654123	conserved	conserved
AMIGO2	0.00153866	0.01240552	conserved	conserved
AMIGO3	0.00056782	0.0074773	conserved	conserved
AMMECR1	0.76906145	0.0682892	conserved	conserved
AMMECR1L	0.2514778	0.74308023	conserved	conserved
AMN1	0.64477974	0.67857648	conserved	conserved
AMOT	0.78537135	0.42464664	conserved	conserved
AMOTL1	0.20189336	0.48083106	conserved	conserved
AMOTL2	0.04796989	0.2137234	conserved	conserved
AMPD1	0	0	conserved	conserved
AMPD2	0.21903141	0.13997739	conserved	conserved
AMPD3	0.13880129	0.33095656	conserved	conserved

AMPH	0.91485954	0.23119831	conserved	conserved
AMT	0.48530929	0.45947909	conserved	conserved
AMTN	0	0	conserved	conserved
ANAPC1	0.45898769	0.47162437	conserved	conserved
ANAPC10	0.84311602	0.64557768	conserved	conserved
ANAPC13	0.06654857	2.83753087	mouse-RGL	conserved
ANAPC16	0.58290812	1.37996868	conserved	conserved
ANAPC2	0.18247547	0.26254717	conserved	conserved
ANAPC4	0.53365154	0.28107739	conserved	conserved
ANAPC5	1.00859799	1.76701417	conserved	conserved
ANGEL1	0.43632392	0.00805371	conserved	conserved
ANGEL2	0.70730172	0.69767725	conserved	conserved
ANGPT1	4.68809979	0.12740039	conserved	conserved
ANGPT2	0.54320267	0.02758832	conserved	conserved
ANGPT4	0.03280138	0	conserved	conserved
ANGPTL1	0.03337586	0.02028129	conserved	conserved
ANGPTL2	0.15083714	0.0392753	conserved	conserved
ANGPTL3	0.00249438	0	conserved	conserved
ANGPTL4	0.20635634	0.36730752	conserved	conserved
ANGPTL6	0.01092449	0.31086374	conserved	conserved
ANGPTL7	0.01017012	0	conserved	conserved
ANK1	0.08406107	0.01113932	conserved	conserved
ANK2	14.4558862	2.34579582	conserved	conserved
ANKAR	0.83699811	0	conserved	conserved
ANKEF1	0	0.03065328	conserved	conserved
ANKFN1	1.13071833	0	conserved	conserved
ANKFY1	0.87366932	0.325724	conserved	conserved
ANKIB1	1.35187809	0.42677855	conserved	conserved
ANKLE1	0.00303354	0.00392353	conserved	conserved
ANKMY1	0.30832229	0	conserved	conserved
ANKMY2	0.43437332	0.30951604	conserved	conserved
ANKRA2	0.14169462	1.09652715	conserved	conserved
ANKRD1	0.00935809	0	conserved	conserved
ANKRD10	1.68290495	0.8946379	conserved	conserved
ANKRD11	2.70284864	0.83848843	conserved	conserved
ANKRD13A	0.30756971	0.20201075	conserved	conserved
ANKRD13B	0.24277754	0.13937606	conserved	conserved
ANKRD13C	1.42258125	0.34427009	conserved	conserved
ANKRD16	0.3809496	0.18115374	conserved	conserved
ANKRD2	0.09299235	0	conserved	conserved
ANKRD22	0	0	conserved	conserved

ANKRD24	0.50341894	0.31409428	conserved	conserved
ANKRD27	0.95876506	0.10750183	conserved	conserved
ANKRD28	1.49271829	0.14845906	conserved	conserved
ANKRD29	0.358337	0.11663881	conserved	conserved
ANKRD31	0.25170445	0	conserved	conserved
ANKRD33	0	0	conserved	conserved
ANKRD34B	0.01114541	0.00805242	conserved	conserved
ANKRD34C	0.0023758	0	conserved	conserved
ANKRD37	0.01439884	0.05065906	conserved	conserved
ANKRD40	0.19469477	0.42559878	conserved	conserved
ANKRD42	0.59255595	0.09473424	conserved	conserved
ANKRD44	1.68268685	0.06943687	conserved	conserved
ANKRD46	0.54669394	0.56626589	conserved	conserved
ANKRD49	0.08682158	0.21192388	conserved	conserved
ANKRD50	0.05377108	0.07893998	conserved	conserved
ANKRD54	0.10662599	0.37121933	conserved	conserved
ANKRD55	0.06437665	0.0117668	conserved	conserved
ANKRD6	0.47044152	0.28800148	conserved	conserved
ANKRD60	0	0	conserved	conserved
ANKRD61	0.00738971	0.18213395	conserved	conserved
ANKRD66	0	0.02355474	conserved	conserved
ANKS3	0.7874955	0.22321732	conserved	conserved
ANKS4B	0.00102594	0	conserved	conserved
ANKS6	0.2129896	0.0171791	conserved	conserved
ANKUB1	0.06120476	0.01040609	conserved	conserved
ANKZF1	0.40785619	0.13624341	conserved	conserved
ANLN	0.15655901	0.03650058	conserved	conserved
ANO1	0.02343906	0.03660071	conserved	conserved
ANO10	0.5467432	0.11018121	conserved	conserved
ANO3	0.66524403	0.01362449	conserved	conserved
ANO4	0.44019753	0.00645903	conserved	conserved
ANO5	0.8661887	0	conserved	conserved
ANO6	1.50594161	0.19533965	monkey-NSC	conserved
ANO7	0.08975685	0	conserved	conserved
ANP32B	0.45095819	1.70102153	conserved	conserved
ANP32E	0.12418662	1.66788112	mouse-RGL	conserved
ANPEP	0.00340239	0	conserved	conserved
ANTXR1	6.24741925	0.22794018	conserved	conserved
ANTXR2	0.64163986	0.02222502	conserved	conserved
ANXA1	0.19520819	0.07534226	conserved	conserved
ANXA10	0.00807173	0	conserved	conserved

ANXA11	0.3711035	0.03585365	conserved	conserved
ANXA2	0.03606194	0.28947163	conserved	conserved
ANXA3	0.04083917	0.02881406	conserved	conserved
ANXA4	0.44116052	0.18833945	conserved	conserved
ANXA5	0.24952742	0.28195672	conserved	conserved
ANXA6	0.47207566	0.491726	conserved	conserved
ANXA7	0.72415842	0.16647858	conserved	conserved
AOAH	0.0348444	0	conserved	conserved
AOC2	0.02532903	0.02774077	conserved	conserved
AOX1	0.01448138	0.06963371	conserved	conserved
AP1B1	0.72092923	0.2502717	conserved	conserved
AP1G1	0.77036233	0.28773722	conserved	conserved
AP1M1	0.3757774	0.52711439	conserved	conserved
AP1S1	0.09852834	0.95016248	mouse-RGL	conserved
AP1S2	0.25114146	1.27029765	mouse-RGL	conserved
AP1S3	0.00719873	0.00865355	conserved	conserved
AP2A1	0.58725789	0.39526852	conserved	conserved
AP2A2	0.83675141	0.69353736	conserved	conserved
AP2B1	1.25386089	0.71874547	conserved	conserved
AP2M1	0.17004015	2.83188738	mouse-RGL	conserved
AP2S1	0.1971781	2.03125543	conserved	conserved
AP3B1	1.65937542	0.23953716	conserved	conserved
AP3B2	0.64408971	0.10223595	conserved	conserved
AP3D1	1.44200938	0.25890914	monkey-NSC	conserved
AP3M1	0.32276793	0.5186274	conserved	conserved
AP3M2	0.2102585	0.16159613	conserved	conserved
AP3S1	0.54337141	3.47603659	mouse-RGL	conserved
AP4E1	0.56120047	0.08164356	conserved	conserved
AP4M1	0.23272425	0.32322377	conserved	conserved
AP5B1	0.01734081	0	conserved	conserved
AP5M1	0.35988692	0.0676638	conserved	conserved
AP5S1	0.07646357	0.29156309	conserved	conserved
AP5Z1	0.21016334	0.08371112	conserved	conserved
APBA2	2.61090186	0.83404226	conserved	conserved
APBA3	0.10217387	0.1743423	conserved	conserved
APBB1IP	0.11877831	0	conserved	conserved
APC	7.17708193	0.97849286	monkey-NSC	conserved
APEH	0.11079533	0.10962136	conserved	conserved
APEX1	0.1203246	1.27914063	mouse-RGL	conserved
APEX2	0.00995359	0.04443217	conserved	conserved
APH1A	0.10164684	0.53953095	conserved	conserved

API5	0.4431751	0.57105997	conserved	conserved
APIP	0.3598886	0.27302933	conserved	conserved
APLF	0.24135749	0.07580839	conserved	conserved
APLNR	0	0.00415979	conserved	conserved
APLP1	0.34878079	0.4124144	conserved	conserved
APLP2	0.85240463	1.73553023	conserved	conserved
APOA2	0.00114675	0	conserved	conserved
APOB	0	0	conserved	conserved
APOBEC2	0.00647585	0	conserved	conserved
APOD	0.07627031	0.02669077	conserved	conserved
APOE	8.67226642	32.2312245	monkey-NSC	conserved
APOL6	0.00891955	0.00290408	conserved	conserved
APOLD1	0.16062618	0.00647758	conserved	conserved
APOM	0.01828473	0	conserved	conserved
APOO	0.78444993	0.32067578	conserved	conserved
APOOL	0.58710312	0.24649184	conserved	conserved
APP	5.32436644	1.2267985	conserved	conserved
APPBP2	1.65157706	0.64804534	conserved	conserved
APPL1	0.24743762	0.66027925	conserved	conserved
APPL2	2.26381082	1.43653576	monkey-NSC	conserved
APTX	0.23197727	0.34439607	conserved	conserved
AQP11	0.08449157	0.16108947	conserved	conserved
AQP2	0	0.00270827	conserved	conserved
AQP3	0.02148411	0	conserved	conserved
AQP4	4.26018449	0.85977902	monkey-NSC	conserved
AQP5	0.001335	0.00386571	conserved	conserved
AQP6	0.01166347	0	conserved	conserved
AQP8	0.09963329	0	conserved	conserved
AQP9	0.00304268	0.02953284	conserved	conserved
AQR	1.19833344	0.20981806	conserved	conserved
AR	0.11505223	0.02773064	conserved	conserved
ARAF	0.14258166	0.88472745	conserved	conserved
ARAP1	0.83958334	0.10678331	monkey-NSC	conserved
ARAP2	3.02013939	1.00044488	conserved	conserved
ARAP3	0.04351365	0.00623422	conserved	conserved
ARCN1	0.343332	0.56396441	conserved	conserved
AREG	0	0.00169459	conserved	conserved
ARF5	0.32143758	5.01726903	mouse-RGL	conserved
ARF6	0.06440743	0.6296066	conserved	conserved
ARFGAP1	0.20125668	0.35416708	conserved	conserved
ARFGAP2	0.69491606	0.48183811	conserved	conserved

ARFGAP3	0.97368344	0.08690426	conserved	conserved
ARFGEF1	1.95423761	0.44029032	conserved	conserved
ARFGEF2	1.19186581	0.05186325	conserved	conserved
ARFGEF3	2.16000601	0.00747931	conserved	conserved
ARFIP2	0.06936878	0.65304887	conserved	conserved
ARFRP1	0.18667363	0.66466519	conserved	conserved
ARG1	0	0	conserved	conserved
ARG2	0.09150348	0.01482795	conserved	conserved
ARHGAP1	1.20167651	0.20277957	conserved	conserved
ARHGAP10	0.1807305	0.06120478	conserved	conserved
ARHGAP11A	0.01905246	0.01481356	conserved	conserved
ARHGAP12	1.42685172	0.38346263	conserved	conserved
ARHGAP15	0.22281084	0.01687633	conserved	conserved
ARHGAP17	0.70753015	0.22485811	conserved	conserved
ARHGAP18	0.15109172	0.05045731	conserved	conserved
ARHGAP20	0.70059043	0.08400841	conserved	conserved
ARHGAP21	3.05323274	0.63808981	conserved	conserved
ARHGAP24	1.10925748	0.00945495	conserved	conserved
ARHGAP25	0.02487816	0	conserved	conserved
ARHGAP26	11.8262467	0.15468689	monkey-NSC	conserved
ARHGAP27	0.00785985	0	conserved	conserved
ARHGAP28	0.21308909	0.00698602	conserved	conserved
ARHGAP29	0.35241899	0.01943805	conserved	conserved
ARHGAP30	0.01173507	0	conserved	conserved
ARHGAP31	3.22135787	0.30264743	conserved	conserved
ARHGAP32	7.25197869	0.19845154	monkey-NSC	conserved
ARHGAP35	3.14927967	0.30658665	conserved	conserved
ARHGAP36	0.01232816	0.00093514	conserved	conserved
ARHGAP4	0.12517981	0.02368473	conserved	conserved
ARHGAP42	1.9048633	0.15031326	conserved	conserved
ARHGAP44	0.51274816	0.09562976	conserved	conserved
ARHGAP5	4.55667046	2.36517475	monkey-NSC	conserved
ARHGAP6	0.84304463	0	conserved	conserved
ARHGAP9	0.00866364	0.00359136	conserved	conserved
ARHGEF1	0.35279239	0.33754698	conserved	conserved
ARHGEF10	1.05546708	0.12994112	conserved	conserved
ARHGEF10L	3.59647706	0.14363465	monkey-NSC	conserved
ARHGEF11	1.62585579	0.11637676	conserved	conserved
ARHGEF12	4.4011037	0.32522864	monkey-NSC	conserved
ARHGEF15	0.02042141	0.00404961	conserved	conserved
ARHGEF16	0.00558677	0	conserved	conserved

Gene	Value 1	Value 2	Status 1	Status 2
ARHGEF19	0.00670893	0.09273699	conserved	conserved
ARHGEF2	0.37103069	0.35341993	conserved	conserved
ARHGEF26	3.08555555	1.4826701	conserved	conserved
ARHGEF28	0.28636749	0.02145047	conserved	conserved
ARHGEF3	1.45064615	0.043701	monkey-NSC	conserved
ARHGEF33	0.44194746	0.01422469	conserved	conserved
ARHGEF37	0.13534845	0	conserved	conserved
ARHGEF39	0.00268623	0	conserved	conserved
ARHGEF40	0.35609454	0.43636919	conserved	conserved
ARHGEF5	0.0445266	0.01087295	conserved	conserved
ARHGEF6	0.88139311	0.05926894	conserved	conserved
ARHGEF7	2.78265962	0.39570434	conserved	conserved
ARHGEF9	0.88824394	0.41509509	conserved	conserved
ARID1A	2.98358053	1.08801606	conserved	conserved
ARID1B	9.89640802	0.36014457	conserved	conserved
ARID2	2.36746389	0.50447613	conserved	conserved
ARID3A	0.03550876	0.03782466	conserved	conserved
ARID3B	0.36808433	0.01502497	conserved	conserved
ARID4A	1.38185631	0.49454277	conserved	conserved
ARID4B	3.27112819	0.76647836	conserved	conserved
ARID5A	0.07517567	0.25112223	conserved	conserved
ARID5B	2.40221821	0.14899412	monkey-NSC	conserved
ARIH1	2.10688231	0.33207684	conserved	conserved
ARL1	0.08204365	1.19899446	conserved	conserved
ARL10	0.18341484	0.06518995	conserved	conserved
ARL13A	0.02171508	0	conserved	conserved
ARL13B	0.73153958	0.15932069	conserved	conserved
ARL14EP	0.30611562	0.43338158	conserved	conserved
ARL14EPL	0.00493788	0	conserved	conserved
ARL15	2.50937877	0.06850976	monkey-NSC	conserved
ARL2	0.21622672	0.6735395	conserved	conserved
ARL3	1.06540704	1.89933179	conserved	conserved
ARL4D	0.00627998	0.01774841	conserved	conserved
ARL5B	0.07552441	0.21105102	conserved	conserved
ARL6	0.76577648	0.78118607	conserved	conserved
ARL6IP4	0.04862531	0.68623511	conserved	conserved
ARL8A	0.43333186	1.92317545	conserved	conserved
ARL8B	0.82516171	0.78295039	conserved	conserved
ARMC1	0.3269024	1.27695116	mouse-RGL	conserved
ARMC10	0.34639981	0.2846397	conserved	conserved
ARMC2	2.01610643	0.06580794	monkey-NSC	conserved

ARMC3	0.01747123	0.01471176	conserved	conserved
ARMC5	0.01656355	0.12185271	conserved	conserved
ARMC6	0.05666992	0.14765639	conserved	conserved
ARMC8	1.56193624	0.35154254	conserved	conserved
ARMC9	1.7596038	0.19025504	conserved	conserved
ARMCX1	0.11532198	0.23805838	conserved	conserved
ARMCX5	0.07063185	0.16870698	conserved	conserved
ARMCX6	0.02789881	0.12422539	conserved	conserved
ARNT	0.99667286	0.24166346	conserved	conserved
ARNT2	3.61145112	0.10067562	monkey-NSC	conserved
ARNTL	0.56349152	0.3591123	conserved	conserved
ARNTL2	0.20059236	0.00614252	conserved	conserved
ARPC2	0.84600838	2.51880422	mouse-RGL	conserved
ARPC5L	0.12464762	1.39851875	conserved	conserved
ARPP19	0.37545885	2.31061967	conserved	conserved
ARPP21	3.27116918	0.12154234	conserved	conserved
ARR3	0.00103414	0	conserved	conserved
ARRB1	4.57854168	0.51147888	monkey-NSC	conserved
ARRB2	0.14230034	0.19401169	conserved	conserved
ARRDC1	0.08320862	0.07385103	conserved	conserved
ARRDC2	0.01329291	0.09013546	conserved	conserved
ARRDC3	0.18140706	0.24577687	conserved	conserved
ARSA	0.23274871	0.12314679	conserved	conserved
ARSB	1.44524905	0.3268576	conserved	conserved
ARSJ	0.80671658	0.00885985	conserved	conserved
ARSK	0.27689939	0.2642664	conserved	conserved
ART1	0.00274746	0.0259531	conserved	conserved
ART3	0.01654348	0.01542555	conserved	conserved
ART4	0.00524036	0	conserved	conserved
ART5	0.00233864	0.0108434	conserved	conserved
ARTN	0.00683822	0	conserved	conserved
ARV1	0.16470052	0.08213335	conserved	conserved
ARVCF	0.24800264	0.32648852	conserved	conserved
AS3MT	0.31839588	0.0874842	conserved	conserved
ASAH1	0.26413455	0.54538065	conserved	conserved
ASAP1	4.90570823	0.3616082	conserved	conserved
ASAP2	3.10434298	0.51950325	conserved	conserved
ASAP3	0.77614288	0.00628453	conserved	conserved
ASB1	0.25646735	0.07372485	conserved	conserved
ASB11	0.01459575	0	conserved	conserved
ASB13	0.08562566	0.28250616	conserved	conserved

ASB14	0.0856539	0	conserved	conserved
ASB15	0	0	conserved	conserved
ASB16	0.03223167	0.00398434	conserved	conserved
ASB2	0.03676005	0	conserved	conserved
ASB3	13.1164022	0.26944798	conserved	conserved
ASB4	0.00281646	0.02503733	conserved	conserved
ASB5	0.04561254	0.0255394	conserved	conserved
ASB6	0.04904502	0.1336719	conserved	conserved
ASB7	0.27612269	0.29630914	conserved	conserved
ASB8	0.14411965	0.26583739	conserved	conserved
ASCC1	1.56408987	0.25026896	conserved	conserved
ASCC3	1.77464606	0.09577119	conserved	conserved
ASF1A	0.06682961	1.21611939	mouse-RGL	conserved
ASF1B	0.03135869	0.04971582	conserved	conserved
ASGR1	0.05881364	0	conserved	conserved
ASH1L	8.30582151	1.34193258	conserved	conserved
ASH2L	0.82371068	0.47888817	conserved	conserved
ASIC1	0.14951563	0.05299076	conserved	conserved
ASIC2	2.95997951	0.02973735	monkey-NSC	conserved
ASIC3	0.02885442	0.0040637	conserved	conserved
ASIC4	0.00693591	0.00489356	conserved	conserved
ASNS	0.08116569	0.06402697	conserved	conserved
ASPDH	0	0.0066476	conserved	conserved
ASPG	0	0.0074773	conserved	conserved
ASPH	5.05224442	0.68071135	conserved	conserved
ASPHD1	0.02511306	0.01320245	conserved	conserved
ASPHD2	0.02940205	0.61788429	conserved	conserved
ASPM	0.0286402	0.01226776	conserved	conserved
ASPN	0.00811671	0	conserved	conserved
ASPRV1	0	0.01395171	conserved	conserved
ASPSCR1	0.50238816	0.54230362	conserved	conserved
ASRGL1	0.67610671	2.13780437	conserved	conserved
ASTE1	0.0769731	0.05369615	conserved	conserved
ASTN1	5.21378528	0.68590249	conserved	conserved
ASTN2	7.02126053	0.0225134	monkey-NSC	conserved
ASXL1	1.45880073	0.20653179	conserved	conserved
ASXL2	1.52431059	0.51439315	conserved	conserved
ASXL3	0.37220053	0.05373224	conserved	conserved
ASZ1	0.00089681	0	conserved	conserved
ATAD2B	3.31385793	0.1501538	conserved	conserved
ATAD5	0.15812548	0.11527923	conserved	conserved

ATCAY	0.31050293	0.17946194	conserved	conserved
ATE1	2.0649057	0.34798263	monkey-NSC	conserved
ATF1	0.96932631	0.41580148	conserved	conserved
ATF2	1.13433718	0.4697327	conserved	conserved
ATF6	0.76188954	0.11592643	conserved	conserved
ATF6B	0.4729572	0.38684419	conserved	conserved
ATF7IP2	0.38248437	0	conserved	conserved
ATG10	1.45036028	0.09480899	conserved	conserved
ATG101	0.0924398	0.61793429	conserved	conserved
ATG13	0.76884848	0.1340345	conserved	conserved
ATG16L1	0.23420517	0.13282117	conserved	conserved
ATG2A	0.26214185	0.16776292	conserved	conserved
ATG2B	0.82969702	0.1833613	conserved	conserved
ATG3	0.23740351	0.82820348	conserved	conserved
ATG4B	0.63629185	0.23136091	conserved	conserved
ATG4C	0.69578938	0.10186786	conserved	conserved
ATG5	0.61710964	0.5472514	conserved	conserved
ATG7	4.29717195	0.57672408	conserved	conserved
ATIC	0.30303024	0.3176875	conserved	conserved
ATL1	0.6192301	0.10157864	conserved	conserved
ATL2	1.5201787	0.50947249	conserved	conserved
ATL3	0.46109932	0.10599482	conserved	conserved
ATM	1.04920059	0.18650495	conserved	conserved
ATMIN	0.14175436	0.07296151	conserved	conserved
ATOH8	0.16308551	0.04229953	conserved	conserved
ATOX1	0.1354271	3.35880219	mouse-RGL	conserved
ATP10B	1.89591214	0.00891219	monkey-NSC	monkey-NSC1-enriched
ATP11A	0.93998545	0.21089193	conserved	conserved
ATP11B	0.94313446	0.25419464	conserved	conserved
ATP11C	0.23413511	0.09903459	conserved	conserved
ATP12A	0.00409751	0	conserved	conserved
ATP13A1	0.17383883	0.09612054	conserved	conserved
ATP13A2	0.79924104	0.40196718	conserved	conserved
ATP13A3	0.58303171	0.2235367	conserved	conserved
ATP13A4	8.59578774	0.0462676	monkey-NSC	conserved
ATP13A5	0.20851982	0.00626387	conserved	conserved
ATP1A1	0.59589161	0.95727991	conserved	conserved
ATP1B1	1.76788441	2.05716426	conserved	conserved
ATP1B2	1.11670917	3.69581068	monkey-NSC	conserved
ATP2A1	0.12340359	0	conserved	conserved
ATP2A2	1.98376189	1.38906077	conserved	conserved

ATP2A3	0.01353753	0	conserved	conserved
ATP2B1	1.95985737	0.98411288	conserved	conserved
ATP2B2	0.80530896	0.12062133	conserved	conserved
ATP2B4	0.79756173	0.0734585	conserved	conserved
ATP2C1	2.18337941	0.60212898	conserved	conserved
ATP2C2	0.02865241	0	conserved	conserved
ATP4A	0.0163627	0.01952229	conserved	conserved
ATP6AP1	0.26899435	0.44144298	conserved	conserved
ATP6AP2	0.36317996	0.57593933	conserved	conserved
ATP6V0A1	2.78887408	0.2915563	conserved	conserved
ATP6V0A2	0.34540587	0.2595037	conserved	conserved
ATP6V0A4	0.01529566	0.00305671	conserved	conserved
ATP6V0D1	0.32827139	1.24916878	conserved	conserved
ATP6V0D2	0.00200116	0	conserved	conserved
ATP6V1B1	0.01270566	0	conserved	conserved
ATP6V1B2	0.43309836	0.46822432	conserved	conserved
ATP6V1C1	0.29198214	0.51659357	conserved	conserved
ATP6V1C2	0.03702467	0	conserved	conserved
ATP6V1G1	0.16681618	4.44875049	mouse-RGL	conserved
ATP6V1G3	0	0	conserved	conserved
ATP6V1H	4.49043669	0.41461818	conserved	conserved
ATP7A	0.41160317	0.06526392	conserved	conserved
ATP7B	0.20061501	0.0662892	conserved	conserved
ATP8A1	3.2856282	0.35148076	conserved	conserved
ATP8A2	1.97619179	0.00311448	monkey-NSC	conserved
ATP8B1	0.1927624	0.00887954	conserved	conserved
ATP8B2	0.75762535	0.00121328	conserved	conserved
ATP8B3	0.02425579	0.0062314	conserved	conserved
ATP8B4	0.13892963	0	conserved	conserved
ATP9A	1.75831093	0.34507249	conserved	conserved
ATP9B	3.22866264	0.14477846	conserved	conserved
ATR	0.95663179	0.28469315	conserved	conserved
ATRAID	0.28786012	2.2226034	mouse-RGL	conserved
ATRIP	0.07642398	0.01327619	conserved	conserved
ATRN	2.19775934	0.43172193	conserved	conserved
ATRNL1	2.12759081	0.04770195	conserved	conserved
ATRX	2.97189117	1.63385089	conserved	conserved
ATXN1	4.66461975	0.57446656	monkey-NSC	conserved
ATXN10	2.65181858	1.71008438	conserved	conserved
ATXN1L	0.06432428	0.09811387	conserved	conserved
ATXN2	5.55407539	0.46482895	conserved	conserved

ATXN2L	0.55131585	0.41447328	conserved	conserved
ATXN7L1	3.62122178	0.18906957	conserved	conserved
ATXN7L2	0.01645847	0.13743571	conserved	conserved
ATXN7L3	0.15198785	0.16171212	conserved	conserved
AUH	2.32874867	0.31293646	conserved	conserved
AUNIP	0.07710655	0.02855876	conserved	conserved
AURKA	0.01517815	0.02644156	conserved	conserved
AURKB	0.0017544	0.00973027	conserved	conserved
AUTS2	25.3889878	0.86845153	conserved	conserved
AVEN	0.41573697	0.02419322	conserved	conserved
AVIL	0.18736129	0.00296916	conserved	conserved
AVL9	3.01444219	0.26728864	conserved	conserved
AVP	0.02686367	0	conserved	conserved
AVPR1A	0.00743974	0	conserved	conserved
AVPR1B	0	0	conserved	conserved
AVPR2	0.00061884	0	conserved	conserved
AXDND1	0.1349442	0.02325654	conserved	conserved
AXIN1	0.47996811	0.13375148	conserved	conserved
AXL	0.73569778	0.61685619	conserved	conserved
AZGP1	0.00141658	0	conserved	conserved
AZI2	0.22902016	0.41732773	conserved	conserved
AZIN1	0.4874792	1.19796298	conserved	conserved
AZIN2	0.18888159	0.12069096	conserved	conserved
B2M	0.03787378	0.62874081	conserved	conserved
B3GALNT2	1.10592964	0.05803366	monkey-NSC	conserved
B3GALT1	0.13616592	0.2434816	conserved	conserved
B3GALT2	0.04696716	0.13708636	conserved	conserved
B3GALT5	0.08047345	0.0296169	conserved	conserved
B3GAT1	0.74845733	0.35083118	conserved	conserved
B3GAT2	0.09187641	0.3649592	conserved	conserved
B3GAT3	0.34995908	0.28905404	conserved	conserved
B3GLCT	0.1954022	0.4565463	conserved	conserved
B3GNT2	0.02462637	0	conserved	conserved
B3GNT4	0.04172304	0.07154519	conserved	conserved
B3GNT5	0.05144489	0.1080636	conserved	conserved
B3GNT7	0.00094024	0	conserved	conserved
B3GNT8	0.00162903	0.00243806	conserved	conserved
B3GNT9	0.00391242	0	conserved	conserved
B4GALNT1	0.02917146	0.04761585	conserved	conserved
B4GALNT2	0.0250463	0	conserved	conserved
B4GALNT3	0.49247349	0	conserved	conserved

B4GALNT4	0.28343911	0.02441671	conserved	conserved
B4GALT2	0.11007101	0.18191253	conserved	conserved
B4GALT3	0.05414522	0.30191244	conserved	conserved
B4GALT5	0.8177202	0.14684185	conserved	conserved
B4GALT6	0.41800697	0.47597934	conserved	conserved
B4GALT7	0.03340855	0.25262706	conserved	conserved
B9D2	0.06021905	0.47086187	conserved	conserved
BAALC	3.07215532	0.22161747	monkey-NSC	conserved
BABAM1	0.33884295	0.55586651	conserved	conserved
BACE1	0.42705139	0.28982966	conserved	conserved
BACE2	0.08585546	0.00857185	conserved	conserved
BACH1	0.18068406	0.13948399	conserved	conserved
BACH2	1.17938619	0.48426307	conserved	conserved
BAD	0.1542267	1.07776797	conserved	conserved
BAG3	0.15894169	0.13554181	conserved	conserved
BAG4	0.32452412	0.2310394	conserved	conserved
BAG5	0.09612434	0.29888249	conserved	conserved
BAG6	0.16664647	0.51972182	conserved	conserved
BAHD1	0.24545085	0.0505921	conserved	conserved
BAIAP2	0.69978741	0.17668383	conserved	conserved
BAIAP2L1	0.01398528	0	conserved	conserved
BAMBI	0.0135484	0.18214448	conserved	conserved
BANF2	0.0010904	0	conserved	conserved
BANK1	0.17770653	0	conserved	conserved
BANP	0.86735898	0.23920923	conserved	conserved
BAP1	0.09083149	0.34453168	conserved	conserved
BARD1	0.06968284	0.00998887	conserved	conserved
BARHL2	0	0	conserved	conserved
BATF	0.00951206	0.00222764	conserved	conserved
BATF2	0.06831075	0	conserved	conserved
BAZ1B	1.26708381	0.49744333	conserved	conserved
BAZ2B	3.14574292	0.62473903	monkey-NSC	conserved
BBOF1	0.48549396	0.0986056	conserved	conserved
BBOX1	1.90607569	0.00393313	conserved	conserved
BBS4	0.64219969	0.10677276	conserved	conserved
BBS7	0.34957623	0.06007172	conserved	conserved
BBS9	1.20702128	0.0542138	conserved	conserved
BBX	2.00207611	0.55235371	conserved	conserved
BCAM	0.25575082	0.01720259	conserved	conserved
BCAN	3.04166054	1.97419988	monkey-NSC	conserved
BCAP31	0.20711882	0.51960112	conserved	conserved

Gene	Value 1	Value 2	Category 1	Category 2
BCAR1	0.20200357	0.10574595	conserved	conserved
BCAR3	1.51813504	0.2435924	conserved	conserved
BCAS1	0.27010718	0.03397672	conserved	conserved
BCAS2	0.25672614	1.86534233	mouse-RGL	conserved
BCAS3	5.95667919	0.28946135	monkey-NSC	conserved
BCAT1	0.20888809	0.22526724	conserved	conserved
BCAT2	0.83352636	0.1093319	conserved	conserved
BCHE	0.04234332	0.01335783	conserved	conserved
BCKDHB	1.25133695	0.26745651	conserved	conserved
BCKDK	0.07407745	0.60484208	conserved	conserved
BCL10	0.06534164	0.70393874	mouse-RGL	conserved
BCL2	1.9618999	2.12045455	conserved	conserved
BCL2L1	0.61612478	0.41906234	conserved	conserved
BCL2L11	0.04531669	0.13752996	conserved	conserved
BCL2L13	0.94827461	0.27469452	conserved	conserved
BCL2L14	0.0709906	0	conserved	conserved
BCL2L15	0	0	conserved	conserved
BCL6	1.19214058	0.06894552	conserved	conserved
BCL6B	0.00094281	0.01122506	conserved	conserved
BCL7A	0.32952971	0.59733687	conserved	conserved
BCL7B	0.3682908	0.36443504	conserved	conserved
BCL9	0.19025272	0.50307758	conserved	conserved
BCL9L	0.15712891	0.1916425	conserved	conserved
BCO1	0.08395422	0.0034067	conserved	conserved
BCO2	0.13092589	0.02920121	conserved	conserved
BCOR	0.08453564	0.10708808	conserved	conserved
BCORL1	0.22550254	0.05906901	conserved	conserved
BCR	3.12676579	0.27842875	monkey-NSC	conserved
BCS1L	0.02660232	0.11460157	conserved	conserved
BDH1	0.34863314	0.41519635	conserved	conserved
BDH2	0.34165816	0.22357714	conserved	conserved
BDKRB2	0.01760971	0	conserved	conserved
BDNF	0.4389946	0.13596685	conserved	conserved
BDP1	2.07801829	0.21427232	conserved	conserved
BECN1	0.19005259	0.53493011	conserved	conserved
BEGAIN	0.65304837	0.0132954	conserved	conserved
BEND4	0.01793064	0.01586882	conserved	conserved
BEST1	0.01573017	0.00373213	conserved	conserved
BEST3	0.04965841	0	conserved	conserved
BFAR	0.65999668	0.56347252	conserved	conserved
BFSP1	0.01371857	0.00521461	conserved	conserved

BFSP2	0.03021616	0.00707582	conserved	conserved
BGN	0.0058556	0.21444568	conserved	conserved
BHLHE40	0.42050011	0.34692547	conserved	conserved
BICC1	1.31143578	0.14126423	monkey-NSC	conserved
BICD1	4.85997589	0.55643832	conserved	conserved
BID	0.23353589	0.10824858	conserved	conserved
BIN1	0.26107975	0.38153126	conserved	conserved
BIN2	0.03409398	0	conserved	conserved
BIN3	0.30038029	0.10537944	conserved	conserved
BIRC2	0.31536793	0.2364914	conserved	conserved
BIRC6	5.68804626	0.60005949	conserved	conserved
BLCAP	0.02843726	0.5935443	conserved	conserved
BLK	0	0	conserved	conserved
BLM	1.52849395	0.08702611	monkey-NSC	conserved
BLMH	0.35296466	0.7199301	conserved	conserved
BLNK	0.09538945	0	conserved	conserved
BLOC1S6	0.15707513	0.26727995	conserved	conserved
BLVRA	0.52919794	0.30292225	conserved	conserved
BLVRB	0.20112192	0.6029578	conserved	conserved
BLZF1	0.09061252	0.29784201	conserved	conserved
BMF	0.00199522	0.00265568	conserved	conserved
BMP1	0.13559304	0.19506761	conserved	conserved
BMP15	0	0	conserved	conserved
BMP2	0.0776669	0.00281196	conserved	conserved
BMP2K	3.66392009	0.22119299	conserved	conserved
BMP3	0	0.03704074	conserved	conserved
BMP4	0.00450696	0.01212075	conserved	conserved
BMP6	0.06417741	0	conserved	conserved
BMP7	2.85880149	0.06634306	conserved	conserved
BMPER	0.5322229	0.24329045	conserved	conserved
BMPR1A	1.34498704	0.86451567	conserved	conserved
BMPR1B	3.16277858	0.1084057	monkey-NSC	conserved
BMPR2	4.05793661	0.57544292	conserved	conserved
BMX	0.01906239	0	conserved	conserved
BNC1	0	0	conserved	conserved
BNC2	1.05755408	0.01175243	conserved	conserved
BNIP1	0.15714885	0.24367391	conserved	conserved
BNIP2	0.19232304	0.42322994	conserved	conserved
BNIP3L	0.39250857	2.80508134	conserved	conserved
BOC	1.98280673	0.13387814	monkey-NSC	conserved
BOLA3	0.14028587	1.26817282	mouse-RGL	conserved

BOLL	0.00912981	0	conserved	conserved
BOP1	0.08381042	0.15994534	conserved	conserved
BORA	0.03783242	0.02365285	conserved	conserved
BORCS5	1.20645472	0.24097183	conserved	conserved
BPHL	0.58336304	0.66799324	conserved	conserved
BPI	0.01862393	0	conserved	conserved
BPIFA3	0	0	conserved	conserved
BPIFB3	0	0	conserved	conserved
BPIFB4	0	0	conserved	conserved
BPIFC	0.12367053	0	conserved	conserved
BPNT1	0.2421104	0.30362717	conserved	conserved
BPTF	4.42771639	1.33877307	conserved	conserved
BRAF	3.48670072	0.24172661	conserved	conserved
BRAP	0.52158057	0.26644382	conserved	conserved
BRAT1	0.37104673	0.07748575	conserved	conserved
BRCA1	0.1773842	0.02818943	conserved	conserved
BRCA2	0.04091454	0.09502079	conserved	conserved
BRD1	0.65308142	0.13095192	conserved	conserved
BRD3	0.55809217	0.79814905	conserved	conserved
BRD7	0.43290213	0.74405669	conserved	conserved
BRD8	0.58161562	0.8766915	conserved	conserved
BRD9	0.38773642	0.59432594	conserved	conserved
BRDT	0.01852668	0.11664956	conserved	conserved
BRF1	0.84604818	0.17023602	conserved	conserved
BRF2	0.08713372	0.09625124	conserved	conserved
BRI3BP	0.17385215	0.5137125	conserved	conserved
BRICD5	0.00376893	0.14132727	conserved	conserved
BRINP1	2.58497143	0.08963822	monkey-NSC	conserved
BRINP2	0.94624923	0.04496941	conserved	conserved
BRINP3	2.83750206	0.01876745	monkey-NSC	conserved
BRIP1	0.03469748	0.01083933	conserved	conserved
BRIX1	0.06953426	0.46324655	conserved	conserved
BRMS1	0.03760134	0.22607545	conserved	conserved
BRMS1L	0.34681617	0.30652404	conserved	conserved
BROX	0.18372103	0.42461783	conserved	conserved
BRPF1	0.06698941	0.15352764	conserved	conserved
BRWD1	2.36597483	0.73065973	conserved	conserved
BRWD3	0.8274996	0.16519572	conserved	conserved
BSCL2	0.53205906	0.4224036	conserved	conserved
BSDC1	0.8818466	0.29225495	conserved	conserved
BSN	0.59829229	0.08289226	conserved	conserved

BSPRY	0.01603494	0.0096477	conserved	conserved
BST1	0.22800458	0.00861493	conserved	conserved
BTAF1	1.49898406	0.18796371	conserved	conserved
BTBD10	0.66887517	0.29362371	conserved	conserved
BTBD11	0.09810618	0.01438345	conserved	conserved
BTBD16	0.07826559	0	conserved	conserved
BTBD19	0.1175854	0.04006174	conserved	conserved
BTBD3	0.49940189	0.17816186	conserved	conserved
BTBD6	0.08685462	0.11248439	conserved	conserved
BTBD7	1.67440994	0.08330005	conserved	conserved
BTBD9	6.77085063	0.47534723	conserved	conserved
BTC	0.00304092	0.00666347	conserved	conserved
BTD	0.11017712	0.18152054	conserved	conserved
BTF3L4	0.7344874	1.80383816	mouse-RGL	conserved
BTG2	0.04839434	3.66104761	mouse-RGL	conserved
BTG3	0.09154561	0.04952699	conserved	conserved
BTG4	0.06704406	0	conserved	conserved
BTLA	0.0193498	0	conserved	conserved
BTN1A1	0	0	conserved	conserved
BTRC	2.37567079	0.23576676	conserved	conserved
BUB1	0.01770078	0	conserved	conserved
BUD13	0.19877682	0.04081365	conserved	conserved
BUD31	0.0298944	1.54252028	mouse-RGL	conserved
BVES	0.04839676	0.00617356	conserved	conserved
BYSL	0.02859978	0.12326186	conserved	conserved
BZW1	0.12110587	1.52760524	mouse-RGL	conserved
BZW2	0.19223977	0.93391346	mouse-RGL	conserved
C1GALT1	0.09822715	0.10374498	conserved	conserved
C1QC	0.01452134	0.013871	conserved	conserved
C1QL1	0.04713336	0.4033893	conserved	conserved
C1QL2	0.42064152	0.01527989	conserved	conserved
C1QL3	0.23051778	0.08344152	conserved	conserved
C1QL4	0	0	conserved	conserved
C1QTNF1	0.00864525	0.00563012	conserved	conserved
C1QTNF6	0.00621592	0.27345454	conserved	conserved
C1QTNF7	0.03459326	0	conserved	conserved
C1RL	0.20123838	0	conserved	conserved
C2CD2	0.4621447	0.04374805	conserved	conserved
C2CD2L	0.18883308	0.06668525	conserved	conserved
C2CD3	1.00138811	0.17057831	conserved	conserved
C2CD5	1.21098025	0.20163215	conserved	conserved

C6	0.00691017	0	conserved	conserved
C7	0.01036695	0	conserved	conserved
C8A	0	0	conserved	conserved
C8B	0.01212552	0	conserved	conserved
C9	0.00187553	0	conserved	conserved
CAAP1	0.40022392	0.33461613	conserved	conserved
CAB39	1.39263506	0.63826527	conserved	conserved
CAB39L	0.72382305	0.21976359	conserved	conserved
CABIN1	0.89942037	0.26947162	conserved	conserved
CABLES2	0.00446687	0.06965167	conserved	conserved
CABP2	0	0	conserved	conserved
CABP4	0.09514275	0	conserved	conserved
CACHD1	2.47040105	0.53344591	conserved	conserved
CACNA1A	2.42718142	0.3443263	conserved	conserved
CACNA1D	1.09613115	0.03875563	conserved	conserved
CACNA1E	2.3901287	0.0407287	conserved	conserved
CACNA1F	0.03881347	0	conserved	conserved
CACNA1I	0.08808229	0	conserved	conserved
CACNA1S	0.07591425	0	conserved	conserved
CACNA2D1	3.67415919	0.13072992	conserved	conserved
CACNA2D2	0.04987124	0.03200966	conserved	conserved
CACNA2D3	4.84571831	0.05197871	monkey-NSC	conserved
CACNA2D4	0.01982669	0.00816782	conserved	conserved
CACNB1	0.27506703	0.1163505	conserved	conserved
CACNB2	13.9053874	0.04765545	monkey-NSC	conserved
CACNB3	0.12411068	0.1099843	conserved	conserved
CACNG1	0.00938478	0	conserved	conserved
CACNG2	0.37645506	0.0211577	conserved	conserved
CACNG3	0.5107213	0.01377011	conserved	conserved
CACNG7	0.42018915	0.34723439	conserved	conserved
CACUL1	0.98421624	0.2425233	monkey-NSC	conserved
CADM1	19.5403702	0.70441875	monkey-NSC	conserved
CADM2	62.9990877	0.94831148	monkey-NSC	conserved
CADM3	0.12340098	0.16497068	conserved	conserved
CADM4	0.35567187	1.02655635	conserved	conserved
CADPS2	1.28073957	0.05278215	conserved	conserved
CAGE1	0.02070782	0.00698054	conserved	conserved
CALB1	0.12626995	0.08007413	conserved	conserved
CALCB	0.01490671	0	conserved	conserved
CALCOCO2	0.98379874	0	conserved	conserved
CALCRL	0.07125566	0.39066292	conserved	conserved

CALD1	1.01006188	1.55075485	mouse-RGL	conserved
CALHM1	0.00098652	0	conserved	conserved
CALHM2	0.01605417	0.01244101	conserved	conserved
CALM3	0.56972155	5.17962668	mouse-RGL	conserved
CALU	0.4901693	0.8096667	conserved	conserved
CALY	0.28162797	0.16296674	conserved	conserved
CAMK1	0.31719739	0.822991	conserved	conserved
CAMK1D	5.43148626	0.10421065	monkey-NSC	conserved
CAMK1G	0.02106626	0.00849517	conserved	conserved
CAMK2A	1.6895783	0.29731174	conserved	conserved
CAMK2G	8.13403083	0.63038637	conserved	conserved
CAMK2N2	0	0.17207771	conserved	conserved
CAMK4	1.42877216	0.12831763	monkey-NSC	conserved
CAMKK1	0.2705634	0.03980153	conserved	conserved
CAMKK2	0.26128324	0.28783773	conserved	conserved
CAMKMT	1.43637041	0.01105064	conserved	conserved
CAMKV	0.26125164	0.12125914	conserved	conserved
CAMP	0.00400537	0	conserved	conserved
CAMSAP1	1.02516259	0.41014559	conserved	conserved
CAMSAP2	2.61473657	0.27432216	conserved	conserved
CAMTA2	0.4967036	0.09622054	conserved	conserved
CAND1	0.69217184	0.47318206	conserved	conserved
CAND2	0.21172985	0.23510179	conserved	conserved
CANT1	0.05615251	0.31234805	conserved	conserved
CANX	0.76412766	2.67652307	conserved	conserved
CAP2	1.96815719	0.36335151	conserved	conserved
CAPG	0.01443811	0.03902983	conserved	conserved
CAPN10	0.17670482	0.2631166	conserved	conserved
CAPN13	0.00310796	0	conserved	conserved
CAPN2	0.74314531	0.62700481	conserved	conserved
CAPN3	0.31709295	0.01167993	conserved	conserved
CAPN5	0.09938023	0.07642559	conserved	conserved
CAPN6	0.0025473	0	conserved	conserved
CAPN7	1.06157737	0.24304618	conserved	conserved
CAPN8	0.04817296	0	conserved	conserved
CAPN9	0.16697227	0.08547934	conserved	conserved
CAPRIN1	0.61269757	1.34933474	conserved	conserved
CAPRIN2	0.42765478	0.07087654	conserved	conserved
CAPS2	0.13062237	0.03752195	conserved	conserved
CAPSL	0.00443275	0.08449679	conserved	conserved
CAPZA1	1.1171115	0.56672192	conserved	conserved

CAPZA2	1.00383284	2.1508078	conserved	conserved
CAPZB	1.63261391	1.50376996	conserved	conserved
CARD10	0.00429735	0.01229276	conserved	conserved
CARD11	0.0464291	0	conserved	conserved
CARD19	0.23023533	0.27667315	conserved	conserved
CARD6	0.04959521	0.00298918	conserved	conserved
CARD9	0.02233287	0	conserved	conserved
CARF	0.71143588	0.10922937	conserved	conserved
CARHSP1	0.12015614	1.14578498	conserved	conserved
CARM1	0.64710926	0.15611576	conserved	conserved
CARNMT1	0.45640113	0.51372685	conserved	conserved
CARNS1	0.02544516	0.03804619	conserved	conserved
CARS2	0.73401106	0.11653485	conserved	conserved
CARTPT	0.02012102	0	conserved	conserved
CASC3	0.41713769	0.36305731	conserved	conserved
CASD1	0.87859342	0.20342253	conserved	conserved
CASKIN2	0.51194218	0.11842704	conserved	conserved
CASP12	0	0	conserved	conserved
CASP14	0.00115228	0	conserved	conserved
CASP2	0.11571626	0.26108474	conserved	conserved
CASP6	0.14733468	0.18273959	conserved	conserved
CASP7	0.06607278	0.17730811	conserved	conserved
CASP8	0.01212664	0.02987354	conserved	conserved
CASP8AP2	0.36365392	0.294406	conserved	conserved
CASP9	0.41685837	0.12552923	conserved	conserved
CASQ2	0.00074462	0.00093514	conserved	conserved
CASR	0.02389158	0	conserved	conserved
CASS4	0.03411482	0	conserved	conserved
CAST	0.43119675	0.00768229	conserved	conserved
CAT	0.20987247	1.06473146	conserved	conserved
CATIP	0.04130522	0.0291321	conserved	conserved
CATSPER4	0.00852797	0	conserved	conserved
CATSPERB	0.37620983	0	conserved	conserved
CAV1	0.00904721	0.93824579	mouse-RGL	conserved
CAV2	0.02035647	0.92554629	conserved	conserved
CAV3	0	0	conserved	conserved
CBFA2T2	0.5555538	0.16994734	conserved	conserved
CBFB	0.65371259	1.30540575	conserved	conserved
CBL	1.0115416	0.58831139	conserved	conserved
CBLB	0.73005892	0.19982679	conserved	conserved
CBLL1	0.15952737	0.18593193	conserved	conserved

CBLN1	0.00117406	0.00627865	conserved	conserved
CBLN2	0.13963805	0.00601443	conserved	conserved
CBLN3	0.00395019	0.00234852	conserved	conserved
CBLN4	0.03676477	0.00269521	conserved	conserved
CBR4	0.20680976	0.25087192	conserved	conserved
CBX2	0.01431964	0.0595087	conserved	conserved
CBX7	0.32526563	0.08100883	conserved	conserved
CBX8	0.01203869	0.11744303	conserved	conserved
CC2D1A	0.33198772	0.19328872	conserved	conserved
CC2D1B	0.2613096	0.10313242	conserved	conserved
CC2D2A	1.1814111	0.20598211	conserved	conserved
CCAR1	1.47593046	0.82158779	conserved	conserved
CCAR2	0.12719067	0.25250405	conserved	conserved
CCBE1	0.67559619	0.002358	conserved	conserved
CCDC102A	0.01479533	0.11849844	conserved	conserved
CCDC106	0.04133286	0.32150434	conserved	conserved
CCDC107	0.180157	0.57524529	conserved	conserved
CCDC112	0.35736251	0.19373984	conserved	conserved
CCDC115	0.11246756	0.4824676	conserved	conserved
CCDC116	0.00074355	0	conserved	conserved
CCDC117	0.07451059	0.14826135	conserved	conserved
CCDC12	0.49646375	1.367202	conserved	conserved
CCDC122	0.12986756	0.23233248	conserved	conserved
CCDC124	0.03752765	1.54062519	mouse-RGL	conserved
CCDC126	0.13684345	0.11395437	conserved	conserved
CCDC127	0.09118395	0.54403976	conserved	conserved
CCDC134	0.20491795	0.07180114	conserved	conserved
CCDC136	0.26635192	0.73266549	conserved	conserved
CCDC137	0.09256014	0.25061628	conserved	conserved
CCDC138	1.04449121	0.05307784	monkey-NSC	conserved
CCDC14	0.63339358	0.04006391	conserved	conserved
CCDC146	0.50983943	0.20223602	conserved	conserved
CCDC148	0.69473589	0.05391779	conserved	conserved
CCDC149	0.51450318	0.0414595	conserved	conserved
CCDC15	0.53078957	0.01540134	conserved	conserved
CCDC150	0.03727917	0	conserved	conserved
CCDC153	0.00327783	0.00356348	conserved	conserved
CCDC154	0.02310859	0	conserved	conserved
CCDC157	0.27064319	0.20710003	conserved	conserved
CCDC158	0.11393947	0.00731142	conserved	conserved
CCDC170	0.01616655	0.00269918	conserved	conserved

CCDC171	0.71434955	0.02856955	conserved	conserved
CCDC172	0.00496243	0	conserved	conserved
CCDC174	0.30690776	0.49837908	conserved	conserved
CCDC175	0.06284844	0	conserved	conserved
CCDC178	0.20006828	0	conserved	conserved
CCDC18	0.15922042	0.04143199	conserved	conserved
CCDC180	0.01347466	0	conserved	conserved
CCDC181	0.20514534	0.23094365	conserved	conserved
CCDC184	0	0.01404643	conserved	conserved
CCDC185	0	0	conserved	conserved
CCDC186	0.30096853	0.21887599	conserved	conserved
CCDC189	0.05387726	0.20061173	conserved	conserved
CCDC190	0.48341771	0.57478641	conserved	conserved
CCDC191	0.52836038	0.2275602	conserved	conserved
CCDC22	0.05257791	0.1023681	conserved	conserved
CCDC24	0.03467282	0	conserved	conserved
CCDC27	0.01846446	0	conserved	conserved
CCDC28A	0.15826909	0.17570342	conserved	conserved
CCDC28B	0.04533699	1.3673291	mouse-RGL	conserved
CCDC3	0.04095754	0.27828725	conserved	conserved
CCDC30	1.64728333	0.06230688	monkey-NSC	conserved
CCDC32	0.17650245	0.41174429	conserved	conserved
CCDC33	0.01204154	0	conserved	conserved
CCDC34	0.18099407	1.95164961	mouse-RGL	conserved
CCDC38	0.02437618	0.01815363	conserved	conserved
CCDC42	0	0	conserved	conserved
CCDC43	0.13235333	0.26092716	conserved	conserved
CCDC47	0.57219835	0.60677337	conserved	conserved
CCDC50	0.32444259	0.53901929	conserved	conserved
CCDC51	0.04403535	0.09147328	conserved	conserved
CCDC57	0.63185226	0.04942121	conserved	conserved
CCDC6	1.89549142	0.28392898	conserved	conserved
CCDC60	0.06978964	0.01495917	conserved	conserved
CCDC61	0.03554854	0.14067415	conserved	conserved
CCDC62	0.1596418	0.0622018	conserved	conserved
CCDC65	0.07466995	0.01611378	conserved	conserved
CCDC66	1.06788774	0.12794009	conserved	conserved
CCDC68	0.00416716	0	conserved	conserved
CCDC69	0.02820225	0.00275294	conserved	conserved
CCDC71	0.01485638	0.15332287	conserved	conserved
CCDC73	0.09213791	0.03542378	conserved	conserved

CCDC77	0.26390431	0.16522556	conserved	conserved
CCDC78	0.01426707	0.05311944	conserved	conserved
CCDC8	0.0011745	0.23236207	conserved	conserved
CCDC80	0.38384283	2.32928884	mouse-RGL	conserved
CCDC81	0.04851748	0.00607597	conserved	conserved
CCDC82	0.64086032	0.04442375	conserved	conserved
CCDC83	0.01205683	0	conserved	conserved
CCDC85A	2.84027492	0.12594624	conserved	conserved
CCDC86	0.01705304	0.36350742	conserved	conserved
CCDC87	0.00235526	0.00540289	conserved	conserved
CCDC88A	5.35518354	1.89556	conserved	conserved
CCDC89	0.27076602	0.00300455	conserved	conserved
CCDC9	0.14827561	0.13674176	conserved	conserved
CCDC90B	0.32138398	0.67925174	conserved	conserved
CCDC91	1.58185221	0.14582363	conserved	conserved
CCDC92	0.52690893	0.10831787	conserved	conserved
CCDC93	0.50824745	0.08748607	conserved	conserved
CCDC97	0.08306746	0.16540531	conserved	conserved
CCHCR1	0.08553991	0.04057009	conserved	conserved
CCK	0.24532934	0.25959481	conserved	conserved
CCL11	0	0	conserved	conserved
CCL17	0	0.00956483	conserved	conserved
CCL19	0.0031044	0.00706849	conserved	conserved
CCL2	0.00414802	0	conserved	conserved
CCL28	0.06970459	0.00387737	conserved	conserved
CCM2	0.750145	0.49386823	conserved	conserved
CCM2L	0.00602444	0.00446922	conserved	conserved
CCNA1	0.00664071	0.01920528	conserved	conserved
CCNA2	0.02960679	0.04729224	conserved	conserved
CCNB1	0.04069799	0.01873233	conserved	conserved
CCNB1IP1	0.0952276	0.00353409	conserved	conserved
CCNB2	0.00642135	0.027222	conserved	conserved
CCNB3	0.02592764	0	conserved	conserved
CCNC	0.41611804	0.27379504	conserved	conserved
CCND1	0.02278473	1.09410679	mouse-RGL	conserved
CCND3	0.23992891	0.6135898	conserved	conserved
CCNDBP1	0.18215124	0.46441488	conserved	conserved
CCNE1	0.0291416	0.10361684	conserved	conserved
CCNE2	0.05623517	0.07324694	conserved	conserved
CCNF	0.13777651	0.00864444	conserved	conserved
CCNG1	0.05953754	0.24454324	conserved	conserved

CCNG2	0.20852769	0.34779522	conserved	conserved
CCNH	0.83909573	0.73759277	conserved	conserved
CCNI	0.92005512	1.46978342	conserved	conserved
CCNJ	0.07599486	0.0892176	conserved	conserved
CCNJL	0.08928271	0.07898798	conserved	conserved
CCNK	0.28671369	0.15953016	conserved	conserved
CCNL1	0.47266355	1.03698738	conserved	conserved
CCNO	0.00403776	0	conserved	conserved
CCNT2	0.95675949	1.17742358	conserved	conserved
CCNY	3.03803196	0.57892107	conserved	conserved
CCP110	0.45532551	0.12255836	conserved	conserved
CCPG1	1.55087688	0.14963961	conserved	conserved
CCR10	0.00569267	0	conserved	conserved
CCR2	0	0	conserved	conserved
CCR3	0	0	conserved	conserved
CCR4	0.00096838	0	conserved	conserved
CCR5	0.00127162	0.01484098	conserved	conserved
CCR6	0.00337716	0	conserved	conserved
CCR7	0	0	conserved	conserved
CCR9	0	0	conserved	conserved
CCRL2	0	0	conserved	conserved
CCS	0.21771844	0.92117583	conserved	conserved
CCSAP	0.21030475	0.01572446	conserved	conserved
CCSER1	7.31583176	0.0094617	conserved	conserved
CCSER2	1.9575101	0.85674137	conserved	conserved
CCT2	0.29568215	1.15149527	mouse-RGL	conserved
CCT3	0.24796314	1.36967522	mouse-RGL	conserved
CCT4	0.34613428	1.93294467	mouse-RGL	conserved
CCT5	0.15679226	1.81692432	mouse-RGL	conserved
CCT6B	0.27411036	0.01845272	conserved	conserved
CCT7	0.30878765	1.45319074	mouse-RGL	conserved
CCT8	0.2549714	1.17770462	conserved	conserved
CD101	0.16636839	0	conserved	conserved
CD109	0.37876207	0.0741267	conserved	conserved
CD14	0.01737265	0.00613494	conserved	conserved
CD151	0.12516846	0.46252681	conserved	conserved
CD160	0.06045229	0	conserved	conserved
CD163	0.01988746	0	conserved	conserved
CD164	0.26639188	1.33945613	conserved	conserved
CD180	0.00740562	0	conserved	conserved
CD19	0	0	conserved	conserved

CD2	0.00142242	0.00093514	conserved	conserved
CD200	0.3037987	0.34503416	conserved	conserved
CD207	0	0	conserved	conserved
CD22	0.02449536	0	conserved	conserved
CD244	0.02687544	0	conserved	conserved
CD247	0.02809732	0	conserved	conserved
CD274	0.03173775	0.00207817	conserved	conserved
CD276	0.11416844	0.14241576	conserved	conserved
CD28	0.01052135	0	conserved	conserved
CD2AP	0.25013342	0.23155864	conserved	conserved
CD2BP2	0.10229943	0.28904716	conserved	conserved
CD300E	0.00210326	0	conserved	conserved
CD300LB	0.00183711	0	conserved	conserved
CD300LG	0.02819658	0.00551238	conserved	conserved
CD320	0.07882526	0.3329074	conserved	conserved
CD34	0.00409264	0.0034067	conserved	conserved
CD36	0.04145289	0.0053467	conserved	conserved
CD38	0.83606438	0.03755637	monkey-NSC	conserved
CD3D	0	0	conserved	conserved
CD3E	0.00422497	0	conserved	conserved
CD3G	0.00048179	0	conserved	conserved
CD4	0.05409377	0	conserved	conserved
CD40	0.10898953	0	conserved	conserved
CD40LG	0.00075365	0	conserved	conserved
CD44	0.37062243	0.10405754	conserved	conserved
CD46	1.24729978	0.0590145	conserved	conserved
CD47	1.15037426	0.84379389	conserved	conserved
CD48	0.01115301	0	conserved	conserved
CD52	0.00079269	0	conserved	conserved
CD53	0.01776648	0.00482669	conserved	conserved
CD5L	0	0	conserved	conserved
CD6	0.00217	0	conserved	conserved
CD69	0	0	conserved	conserved
CD72	0.02877458	0.00357637	conserved	conserved
CD74	0.00688978	0	conserved	conserved
CD79A	0.00057861	0.00423259	conserved	conserved
CD79B	0	0	conserved	conserved
CD80	0.08041162	0.01291326	conserved	conserved
CD81	1.98946621	11.5606557	conserved	conserved
CD82	0.18448436	0.33565839	conserved	conserved
CD83	0.10015624	0.02330855	conserved	conserved

CD84	0.00305903	0	conserved	conserved
CD86	0.01119114	0	conserved	conserved
CD8A	0.00368173	0	conserved	conserved
CD9	0.14790135	4.432792	mouse-RGL	conserved
CD93	0.00152806	0.00343309	conserved	conserved
CD96	0.04104601	0	conserved	conserved
CDA	0.00725552	0	conserved	conserved
CDADC1	0.13269372	0.1157522	conserved	conserved
CDAN1	0.48923734	0.07929137	conserved	conserved
CDC123	0.43808684	0.69917177	conserved	conserved
CDC14A	1.38029277	0.19065092	conserved	conserved
CDC16	0.61698896	0.52146114	conserved	conserved
CDC20	0.0092966	0.01563491	conserved	conserved
CDC20B	0.00157214	0	conserved	conserved
CDC23	0.39658914	0.31250133	conserved	conserved
CDC25A	0.09377181	0.1251107	conserved	conserved
CDC25B	0.1258169	0.0985643	conserved	conserved
CDC25C	0.04837063	0.02417954	conserved	conserved
CDC26	0.06862762	1.94382022	conserved	conserved
CDC37L1	0.23820336	0.33809278	conserved	conserved
CDC40	1.14717983	0.24616052	conserved	conserved
CDC42BPA	11.6497067	0.40148473	conserved	conserved
CDC42BPB	1.45894695	0.24998377	conserved	conserved
CDC42BPG	0.00452517	0.04013809	conserved	conserved
CDC42EP3	0.10334832	0.01631099	conserved	conserved
CDC42SE2	1.14846851	1.01498669	conserved	conserved
CDC45	0.03304036	0.05044977	conserved	conserved
CDC6	0.01969902	0.0713977	conserved	conserved
CDC73	1.46606959	0.4238747	monkey-NSC	conserved
CDCA2	0.00881786	0.01488799	conserved	conserved
CDCA3	0.00286308	0.08913798	conserved	conserved
CDCA5	0.00126746	0.02118442	conserved	conserved
CDCA7	0.0068352	0.33996969	conserved	conserved
CDCA7L	0.07340348	0.08713389	conserved	conserved
CDCA8	0.01775362	0.06347519	conserved	conserved
CDCP1	0.04428367	0	conserved	conserved
CDCP2	0.00148338	0	conserved	conserved
CDH1	0.24330818	0	conserved	conserved
CDH10	3.36541843	0.22046171	conserved	conserved
CDH11	2.71325631	0.18665829	monkey-NSC	conserved
CDH12	1.99711918	0.00419637	monkey-NSC	conserved

CDH13	0.92790377	0.19191187	conserved	conserved
CDH15	0.00677388	0	conserved	conserved
CDH16	0	0	conserved	conserved
CDH17	0.04375186	0.01046093	conserved	conserved
CDH18	0.7890057	0.01991658	conserved	conserved
CDH19	0.12482932	0.02044974	conserved	conserved
CDH2	4.16815445	2.2363132	conserved	conserved
CDH20	23.2187942	0.04475632	monkey-NSC	conserved
CDH22	0.03335746	0.01591792	conserved	conserved
CDH24	0.1930172	0.02151878	conserved	conserved
CDH26	0.9339332	0	monkey-NSC	conserved
CDH3	0.03472831	0	conserved	conserved
CDH4	13.5557761	1.4524061	conserved	conserved
CDH5	0.00615736	0.01172829	conserved	conserved
CDH6	0.17773689	0.00240927	conserved	conserved
CDH7	0.06376873	0	conserved	conserved
CDH8	3.09596669	0.02352686	monkey-NSC	conserved
CDH9	1.98979955	0.00306108	conserved	conserved
CDHR1	0.01349244	0.00093514	conserved	conserved
CDHR2	0.01453773	0	conserved	conserved
CDHR5	0.00306393	0	conserved	conserved
CDIP1	0.57561441	0.76576526	conserved	conserved
CDIPT	0.17756853	0.46716968	conserved	conserved
CDK10	0.35121384	0.18203063	conserved	conserved
CDK12	1.23988247	0.53607136	conserved	conserved
CDK14	2.96633547	0.17430872	conserved	conserved
CDK15	0.09838304	0.00817321	conserved	conserved
CDK17	1.02487899	0.61948403	conserved	conserved
CDK18	0.02658973	0	conserved	conserved
CDK19	1.60940872	0.20621878	conserved	conserved
CDK20	0.03032009	0.20781792	conserved	conserved
CDK4	0.14821167	3.86471394	mouse-RGL	conserved
CDK5	0.07885665	0.36179114	conserved	conserved
CDK5RAP1	0.95903747	0.04732282	conserved	conserved
CDK5RAP2	2.59638462	0.17772047	monkey-NSC	conserved
CDK5RAP3	0.66151926	0.44165223	conserved	conserved
CDK6	0.65397623	1.11727143	mouse-RGL	conserved
CDK7	0.32976167	0.26189118	conserved	conserved
CDK8	1.49093505	0.14181816	monkey-NSC	conserved
CDKAL1	3.47435572	0.23620185	conserved	conserved
CDKL1	0.23061186	0.00843964	conserved	conserved

CDKL2	0.26333237	0.03965764	conserved	conserved
CDKL5	0.98358919	0.08403227	conserved	conserved
CDKN1A	0.00436349	0.05881583	conserved	conserved
CDKN1B	0.17054732	0.57654823	conserved	conserved
CDKN2AIP	0.0250402	0.2440953	conserved	conserved
CDKN2C	0.00809493	0.40031302	conserved	conserved
CDKN2D	0.06290855	0.31700605	conserved	conserved
CDKN3	0.03339178	0.01524793	conserved	conserved
CDON	0.71949854	0.37130752	conserved	conserved
CDPF1	0.01722015	0.2578758	conserved	conserved
CDR1	0.00857486	0.02133013	conserved	conserved
CDR2	0.01728715	0.01190559	conserved	conserved
CDR2L	0.03919773	0.12345464	conserved	conserved
CDS1	0.67544943	0.00367347	conserved	conserved
CDS2	0.68737261	0.31001026	conserved	conserved
CDSN	0	0	conserved	conserved
CDT1	0	0.06864068	conserved	conserved
CDV3	0.11395066	1.07185305	conserved	conserved
CDX1	0.00614213	0	conserved	conserved
CDYL	0.54263357	0.08277413	conserved	conserved
CDYL2	0.04539629	0.08746624	conserved	conserved
CEACAM18	0	0	conserved	conserved
CEACAM19	0.00460705	0	conserved	conserved
CEBPE	0	0	conserved	conserved
CEBPG	0.03662856	0.54586649	conserved	conserved
CEBPZ	0.23027161	0.55275539	conserved	conserved
CECR2	2.77232517	0.28681077	monkey-NSC	conserved
CEL	0.06681813	0	conserved	conserved
CELA1	0.00118843	0.00607442	conserved	conserved
CELF1	1.67019083	1.0739735	conserved	conserved
CELF2	9.43952955	3.87647219	conserved	conserved
CELF3	0.09076308	0.13861269	conserved	conserved
CELF4	0.53265454	0.43919913	conserved	conserved
CELSR1	0.10509129	0.51424913	conserved	conserved
CELSR3	0.01815356	0.02933865	conserved	conserved
CEMIP	0.15335184	0.01097978	conserved	conserved
CENPA	0.02091086	0.15728762	conserved	conserved
CENPE	0.03909151	0.02721939	conserved	conserved
CENPF	0.01225722	0.22046041	conserved	conserved
CENPH	0.01137322	0.0768751	conserved	conserved
CENPI	0.11381207	0.00892957	conserved	conserved

CENPJ	0.12062642	0.03820212	conserved	conserved
CENPK	0.06129009	0.08835593	conserved	conserved
CENPL	0.03682922	0.06232544	conserved	conserved
CENPM	0.10312014	0.31788873	conserved	conserved
CENPN	0.04183893	0.03392675	conserved	conserved
CENPO	0.02447388	0.01713609	conserved	conserved
CENPP	0.33724639	0.03594407	conserved	conserved
CENPQ	0.01272121	0.26931698	conserved	conserved
CENPT	0.00933681	0.26526111	conserved	conserved
CENPU	0.03501899	0.03359062	conserved	conserved
CENPV	0.12470325	0.30854739	conserved	conserved
CENPW	0.02263908	0.25610418	conserved	conserved
CEP104	1.24956291	0.20045418	conserved	conserved
CEP112	4.90089019	0.11402794	monkey-NSC	conserved
CEP120	0.37428724	0.09722473	conserved	conserved
CEP126	0.66074886	0.05723955	conserved	conserved
CEP128	0.37352163	0.02571778	conserved	conserved
CEP131	0.05535145	0.12013055	conserved	conserved
CEP135	0.26989041	0.01143181	conserved	conserved
CEP152	0.08431674	0.03777004	conserved	conserved
CEP162	1.60940172	0.1478864	conserved	conserved
CEP170	3.24640991	0.35887646	conserved	conserved
CEP19	0.12164478	0.50008932	conserved	conserved
CEP290	0.74377896	0.26128942	conserved	conserved
CEP295	0.93347951	0.2005414	conserved	conserved
CEP350	2.00361398	0.09056847	conserved	conserved
CEP41	0.15312867	0.13965116	conserved	conserved
CEP44	0.28429863	0.196805	conserved	conserved
CEP55	0.00318231	0.00735208	conserved	conserved
CEP57	0.558234	0.35470457	conserved	conserved
CEP57L1	0.62349829	0.14330728	conserved	conserved
CEP63	0.38071542	0.22639452	conserved	conserved
CEP68	0.36164112	0.09602956	conserved	conserved
CEP70	0.94550586	0.13379263	conserved	conserved
CEP72	0.02217992	0.01217853	conserved	conserved
CEP78	0.32772805	0.11681779	conserved	conserved
CEP83	0.85637836	0.29594673	conserved	conserved
CEP85	0.1935156	0.05686654	conserved	conserved
CEP85L	2.74693735	0.04585722	conserved	conserved
CEP89	0.65322561	0.09979686	conserved	conserved
CEP95	0.50033195	0.10999836	conserved	conserved

CEP97	0.24627664	0.16247805	conserved	conserved
CEPT1	0.56543553	0.1978071	conserved	conserved
CER1	0.00846122	0.01263718	conserved	conserved
CERK	0.56757792	0.09466556	conserved	conserved
CERKL	0.1052811	0.0121139	conserved	conserved
CERS2	0.10620356	0.64122638	conserved	conserved
CERS3	0.00973309	0.00409477	conserved	conserved
CERS4	0.38083198	0.62182454	conserved	conserved
CERS5	0.37572281	0.33515028	conserved	conserved
CERS6	0.49489484	0.08635251	conserved	conserved
CETN2	0.0595245	1.11728459	conserved	conserved
CETN3	0.1683824	2.46946165	mouse-RGL	conserved
CFAP100	0.21452149	0.08531656	conserved	conserved
CFAP126	0.01287432	0.07437156	conserved	conserved
CFAP157	0.01349105	0.0070008	conserved	conserved
CFAP161	0	0.00714686	conserved	conserved
CFAP20	0.23726356	1.32466679	mouse-RGL	conserved
CFAP221	0.74319212	0	conserved	conserved
CFAP36	0.38432157	0.98342559	conserved	conserved
CFAP44	0.22726185	0.04746479	conserved	conserved
CFAP45	0.00101158	0.01150836	conserved	conserved
CFAP52	0.05434378	0.00570439	conserved	conserved
CFAP54	0.29757933	0.08628707	conserved	conserved
CFAP57	0.04001606	0.00323602	conserved	conserved
CFAP58	0.01538885	0	conserved	conserved
CFAP69	0.57597067	0.05349505	conserved	conserved
CFAP70	0.92968529	0	conserved	conserved
CFAP73	0.01648423	0	conserved	conserved
CFAP77	0.19487723	0.0042309	conserved	conserved
CFAP97	0.28989664	0.2328365	conserved	conserved
CFAP99	0.08706348	0.00505644	conserved	conserved
CFDP1	1.67782617	1.2362804	conserved	conserved
CFL2	0.13264731	2.43089507	mouse-RGL	conserved
CFLAR	0.44291899	0.40182016	conserved	conserved
CFP	0.01820059	0.05422372	conserved	conserved
CFTR	0.01573388	0	conserved	conserved
CGA	0	0	conserved	conserved
CGNL1	0.02434703	0.00727024	conserved	conserved
CHAC1	0	0.00252771	conserved	conserved
CHAC2	0.09791667	0.1511275	conserved	conserved
CHAD	0.00281512	0	conserved	conserved

CHAF1A	0.08806976	0.0925411	conserved	conserved
CHAMP1	0.15160376	0.14920796	conserved	conserved
CHAT	0	0	conserved	conserved
CHCHD5	0.01167302	0.67746074	conserved	conserved
CHCHD6	0.7343709	0.80383216	conserved	conserved
CHD1	0.83190899	0.51872507	conserved	conserved
CHD1L	0.5625177	0.0985894	conserved	conserved
CHD3	0.15210771	1.00184522	conserved	conserved
CHD5	0.35615142	0.08647114	conserved	conserved
CHD6	3.47469379	0.65986041	conserved	conserved
CHD7	1.48492916	1.44073545	conserved	conserved
CHD8	0.9714513	0.55213138	conserved	conserved
CHD9	6.29848969	0.50262508	conserved	conserved
CHERP	0.17182578	0.15363325	conserved	conserved
CHFR	0.60959371	0.20231761	conserved	conserved
CHGA	0.16584666	0.04098959	conserved	conserved
CHGB	0.434969	0.09170968	conserved	conserved
CHIC1	1.41287136	0.30853207	conserved	conserved
CHID1	0.25117871	0.31241797	conserved	conserved
CHIT1	0	0	conserved	conserved
CHKA	3.69978952	0.4973278	conserved	conserved
CHL1	5.92508158	0.46744909	conserved	conserved
CHM	1.13655295	0.29915707	conserved	conserved
CHMP2A	0.0953565	2.376946	mouse-RGL	conserved
CHMP2B	0.1119078	0.67035717	conserved	conserved
CHMP4C	0.00705905	0	conserved	conserved
CHMP5	0.42918874	1.26331796	mouse-RGL	conserved
CHMP7	0.08273145	0.41829353	conserved	conserved
CHN1	6.14208769	0.4492536	conserved	conserved
CHORDC1	0.33018196	0.24837297	conserved	conserved
CHP1	0.77524026	0.30160166	conserved	conserved
CHPF	0.14201641	0.19620001	conserved	conserved
CHPF2	0.09661548	0.14841805	conserved	conserved
CHPT1	3.6411422	0.73252464	conserved	conserved
CHRAC1	0.06278975	0.77960452	conserved	conserved
CHRD	0.08047954	0.01616821	conserved	conserved
CHRDL1	0.35105938	0.04870294	conserved	conserved
CHRDL2	0.01267487	0	conserved	conserved
CHRM2	0.04831707	0	conserved	conserved
CHRM4	0.00074893	0	conserved	conserved
CHRM5	0	0	conserved	conserved

CHRNA1	0.01168983	0	conserved	conserved
CHRNA2	0.03005631	0	conserved	conserved
CHRNA3	0.02141998	0.00203474	conserved	conserved
CHRNA5	0.01228628	0	conserved	conserved
CHRNA6	0	0	conserved	conserved
CHRNB1	0.0649467	0.00414361	conserved	conserved
CHRNB2	0.04205045	0.02959825	conserved	conserved
CHRNB4	0.00114044	0.00797474	conserved	conserved
CHRND	0.11749186	0	conserved	conserved
CHRNE	0.00964256	0.00561353	conserved	conserved
CHRNG	0.03617609	0	conserved	conserved
CHST10	0.48279824	0.20558509	conserved	conserved
CHST11	3.75574436	0.12468972	monkey-NSC	conserved
CHST15	0.01897483	0.02118813	conserved	conserved
CHST2	0.04500717	0.9607399	conserved	conserved
CHST4	0	0.00344412	conserved	conserved
CHST7	0.12256532	0.01507307	conserved	conserved
CHST8	0.04116993	0.00678964	conserved	conserved
CHST9	1.23230251	0	monkey-NSC	monkey-NSC1-enriched
CHSY1	0.9444572	0.40297491	conserved	conserved
CHTF18	0.00661524	0.01319654	conserved	conserved
CHTOP	0.37588616	1.67289671	conserved	conserved
CHUK	0.46944432	0.58124351	conserved	conserved
CIAO1	0.10578902	0.1530981	conserved	conserved
CIART	0.09015027	0.05736171	conserved	conserved
CIB1	0.00769816	0.93696616	mouse-RGL	conserved
CIB2	0.08475439	0.34996349	conserved	conserved
CIB3	0.00504231	0	conserved	conserved
CIB4	0.01140846	0	conserved	conserved
CIC	0.32347137	0.35367916	conserved	conserved
CIDEB	0.00219633	0.03919055	conserved	conserved
CIDEC	0.00986321	0	conserved	conserved
CIITA	0.01230748	0.00493709	conserved	conserved
CILP	0.01561646	0	conserved	conserved
CILP2	0.00196742	0.04333901	conserved	conserved
CINP	0.26727643	0.36475065	conserved	conserved
CISH	0	0.03092848	conserved	conserved
CKAP2	0.03646681	0.02143691	conserved	conserved
CKAP2L	0.01157233	0.0191227	conserved	conserved
CKAP4	0.0762191	0.43997582	conserved	conserved
CKAP5	0.8070447	0.84325994	conserved	conserved

CKMT2	0.08797122	0	conserved	conserved
CLASP1	4.13660191	0.43908132	conserved	conserved
CLASRP	0.37162984	0.32957831	conserved	conserved
CLCC1	0.47545492	0.25871191	conserved	conserved
CLCN1	0.01076586	0.01006593	conserved	conserved
CLCN2	0.41093463	0.14642307	conserved	conserved
CLCN3	1.07331603	1.44045645	conserved	conserved
CLCN4	0.28193459	0.67159555	conserved	conserved
CLCN5	0.13742556	0.17619818	conserved	conserved
CLCN6	0.73726446	0.28630721	conserved	conserved
CLCN7	0.10823203	0.1064471	conserved	conserved
CLDN1	0.02220303	0.00274003	conserved	conserved
CLDN10	1.49777319	0.94929458	monkey-NSC	conserved
CLDN11	0.39095784	0.05520364	conserved	conserved
CLDN14	0.00222792	0	conserved	conserved
CLDN16	0.01805561	0	conserved	conserved
CLDN18	0	0	conserved	conserved
CLDN2	0.02684423	0.05241376	conserved	conserved
CLDN7	0	0.00388205	conserved	conserved
CLDN8	0	0	conserved	conserved
CLDND1	0.18670927	1.41723597	conserved	conserved
CLEC11A	0.03523612	0.09967903	conserved	conserved
CLEC12A	0.01162866	0	conserved	conserved
CLEC12B	0	0	conserved	conserved
CLEC16A	2.57851866	0.12796566	monkey-NSC	conserved
CLEC1A	0.00240046	0.00172599	conserved	conserved
CLEC1B	0	0	conserved	conserved
CLEC2L	0.07778487	0.02875515	conserved	conserved
CLEC3B	0.02110361	0.1709864	conserved	conserved
CLEC4D	0	0	conserved	conserved
CLEC4E	0	0	conserved	conserved
CLEC4F	0	0	conserved	conserved
CLEC4G	0	0	conserved	conserved
CLEC5A	0.00498105	0	conserved	conserved
CLEC9A	0.00339925	0	conserved	conserved
CLGN	0.10333541	0	conserved	conserved
CLHC1	0.28939792	0.00426884	conserved	conserved
CLIC3	0.00405854	0	conserved	conserved
CLIC4	0.60016347	0.58744835	conserved	conserved
CLIC5	0.04671591	0	conserved	conserved
CLINT1	0.69479316	0.21648652	conserved	conserved

CLIP1	2.65732518	0.31129347	conserved	conserved
CLIP2	0.31654349	0.36378706	conserved	conserved
CLIP4	1.31659602	0.42187481	conserved	conserved
CLK1	1.0551579	1.2052503	conserved	conserved
CLK3	0.2281754	0.23242127	conserved	conserved
CLK4	0.66141963	0.74407059	conserved	conserved
CLMN	0.46031589	0.32097641	conserved	conserved
CLMP	0.39184854	0.00629699	conserved	conserved
CLN6	0.1216595	0.08460108	conserved	conserved
CLNK	0.05133673	0	conserved	conserved
CLNS1A	0.23354572	0.66679076	conserved	conserved
CLOCK	0.33764207	0.68719815	conserved	conserved
CLP1	0.02131929	0.07791185	conserved	conserved
CLPB	0.24242601	0.2284498	conserved	conserved
CLPTM1	0.90134405	0.48805078	conserved	conserved
CLPTM1L	0.17483507	0.65599092	conserved	conserved
CLRN1	0.00325479	0.02139319	conserved	conserved
CLRN2	0.00375585	0	conserved	conserved
CLRN3	0.001151	0	conserved	conserved
CLSPN	0.03331992	0.08363316	conserved	conserved
CLSTN2	3.68185266	0.20496996	conserved	conserved
CLSTN3	0.2087881	0.04736193	conserved	conserved
CLTB	0.35216876	1.06283699	conserved	conserved
CLTC	1.71755393	1.08409548	conserved	conserved
CLU	6.22749205	4.71491664	monkey-NSC	conserved
CLUH	0.069541	0.17449148	conserved	conserved
CLVS1	0.46188709	0.01941652	conserved	conserved
CLVS2	0.87531081	0.01986131	conserved	conserved
CLYBL	2.31546455	0.42772422	conserved	conserved
CMAS	0.35689349	0.38241211	conserved	conserved
CMBL	0.09527605	0.01086174	conserved	conserved
CMIP	1.72988275	0.52100797	conserved	conserved
CMKLR1	0.01873884	0	conserved	conserved
CMSS1	1.14932611	0.06417262	conserved	conserved
CMTM3	0.13118094	0.39416332	conserved	conserved
CMTM5	0.07226912	1.66731671	conserved	conserved
CMTM6	0.28406258	0.27722852	conserved	conserved
CMTM7	0.01777667	0.05353657	conserved	conserved
CMTM8	0.08542368	0.03541216	conserved	conserved
CMTR1	0.29035114	0.04006058	conserved	conserved
CMYA5	0.06001977	0.02923955	conserved	conserved

CNBD1	0.06313108	0	conserved	conserved
CNBD2	0.06102256	0.06286963	conserved	conserved
CNBP	0.30661374	5.5264171	mouse-RGL	conserved
CNDP1	0.08358226	0	conserved	conserved
CNGA1	0	0	conserved	conserved
CNGA3	0.05609862	0	conserved	conserved
CNGB3	0.0405838	0	conserved	conserved
CNIH1	0.19235996	1.17766379	conserved	conserved
CNIH2	0.24360066	0.91453741	conserved	conserved
CNIH3	0.39871544	0.43506488	conserved	conserved
CNIH4	0.23068687	0.76006455	conserved	conserved
CNKSR2	3.2788838	0.02798749	conserved	conserved
CNN1	0.02168196	0.00511479	conserved	conserved
CNN3	1.73656334	7.22076632	mouse-RGL	conserved
CNNM4	0.4424832	0.05436244	conserved	conserved
CNOT1	1.30329507	0.25660384	conserved	conserved
CNOT10	1.33283744	0.16353394	conserved	conserved
CNOT11	0.21915146	0.2604154	conserved	conserved
CNOT2	1.53629364	0.33652617	conserved	conserved
CNOT3	0.26422872	0.37152505	conserved	conserved
CNOT4	1.59383606	0.641202	conserved	conserved
CNOT6	0.53612082	0.7399115	conserved	conserved
CNOT6L	0.33614919	0.39439756	conserved	conserved
CNOT8	0.13193662	0.37192828	conserved	conserved
CNP	0.12157392	0.66069746	conserved	conserved
CNPPD1	0.16009593	0.29835048	conserved	conserved
CNPY3	0.16928631	0.57969467	conserved	conserved
CNPY4	0.08859185	0.13072545	conserved	conserved
CNR1	0.23284685	0.19391384	conserved	conserved
CNR2	0.00616165	0	conserved	conserved
CNRIP1	0.40761892	0.81221028	conserved	conserved
CNST	0.75253383	0.07469821	conserved	conserved
CNTD1	0.1454572	0.01059498	conserved	conserved
CNTFR	2.41552579	0.44089349	monkey-NSC	conserved
CNTLN	1.476151	0.2830604	conserved	conserved
CNTN1	9.0555348	0.19582865	conserved	conserved
CNTN2	0.1341785	0.07582084	conserved	conserved
CNTN3	0.65732573	0	conserved	conserved
CNTN4	0.69663252	0.01726857	conserved	conserved
CNTN5	3.03499976	0.00649209	monkey-NSC	conserved
CNTN6	0.32904346	0.02334725	conserved	conserved

CNTNAP1	0.10977925	0.0191624	conserved	conserved
CNTNAP2	8.72447607	1.11094536	conserved	conserved
CNTRL	0.47465636	0.16486126	conserved	conserved
CNTROB	0.17251923	0.05158435	conserved	conserved
COA5	0.15075077	0.48490794	conserved	conserved
COA6	0.137286	0.40434833	conserved	conserved
COA7	0.01531918	0.18082112	conserved	conserved
COASY	0.01617685	0.2765703	conserved	conserved
COBL	0.62498771	0	conserved	conserved
COBLL1	0.3437702	0.01754237	conserved	conserved
COCH	0.06372928	0	conserved	conserved
COG1	0.27542371	0.11267441	conserved	conserved
COG2	0.74219644	0.15731964	conserved	conserved
COG3	0.64103912	0.10236481	conserved	conserved
COG4	0.51848465	0.12350473	conserved	conserved
COG5	3.37062164	0.0251134	monkey-NSC	conserved
COG6	1.60136973	0.13422842	conserved	conserved
COG7	0.54818771	0.21253811	conserved	conserved
COL11A1	1.72303387	0.18249429	monkey-NSC	conserved
COL11A2	0.02693587	0.08758087	conserved	conserved
COL12A1	0.11385509	0.05206653	conserved	conserved
COL14A1	0.12732622	0.00506985	conserved	conserved
COL16A1	0.40760658	0.13907629	conserved	conserved
COL17A1	0.00097813	0	conserved	conserved
COL19A1	0.3656696	0.02117692	conserved	conserved
COL1A1	0.00193725	0	conserved	conserved
COL1A2	0.00851462	0.0362761	conserved	conserved
COL25A1	3.11383349	0.00818502	conserved	conserved
COL26A1	0.05920032	0.02821543	conserved	conserved
COL28A1	0.08839335	0	conserved	conserved
COL2A1	0	0.09688291	conserved	conserved
COL3A1	0.00166163	0.00373105	conserved	conserved
COL4A1	0.10348827	0.23788525	conserved	conserved
COL4A2	0.33697772	0.11614031	conserved	conserved
COL4A3	0.04214215	0.00336214	conserved	conserved
COL4A4	0.02873556	0.06897672	conserved	conserved
COL4A5	1.21509307	0.16877741	conserved	conserved
COL4A6	0.10002108	0.04224219	conserved	conserved
COL5A1	2.91494611	0.02761651	conserved	conserved
COL5A2	0.44566202	0.12256279	conserved	conserved
COL5A3	2.91307161	0	monkey-NSC	monkey-NSC1-enriched

COL6A3	0.00782584	0.02190846	conserved	conserved
COL6A5	0.00350855	0.00293525	conserved	conserved
COL6A6	0.01077924	0	conserved	conserved
COL8A1	0.01843085	0	conserved	conserved
COL8A2	0.00252397	0.00241743	conserved	conserved
COL9A1	0.8225162	0.19186832	conserved	conserved
COL9A2	0.80883528	0.10205741	conserved	conserved
COLEC10	0.00276859	0	conserved	conserved
COLEC12	1.21662602	0.0100894	monkey-NSC	monkey-NSC1-enriched
COLGALT2	0.6013163	0.03699481	conserved	conserved
COMMD10	1.72128917	0.32740907	conserved	conserved
COMMD2	0.08965536	0.61129	conserved	conserved
COMMD4	0.26156976	0.80458531	conserved	conserved
COMMD5	0.02073779	0.25313007	conserved	conserved
COMMD7	0.68412351	0.56328851	conserved	conserved
COMMD8	0.06274265	0.73859708	conserved	conserved
COMMD9	0.42063598	0.51421138	conserved	conserved
COMT	1.37078482	1.59447846	conserved	conserved
COPA	0.79987851	0.46577476	conserved	conserved
COPB1	0.84013556	0.47869516	conserved	conserved
COPB2	0.31695427	0.41740392	conserved	conserved
COPE	0.10653725	1.54434577	conserved	conserved
COPG1	0.27353194	0.40001918	conserved	conserved
COPG2	1.28264061	0.29168671	conserved	conserved
COPRS	0.14357195	0.58886841	conserved	conserved
COPS3	0.35448746	0.52736081	conserved	conserved
COPS4	0.36908874	0.96921161	mouse-RGL	conserved
COPS5	0.28792793	1.29006365	conserved	conserved
COPS7A	0.17886111	0.61260742	conserved	conserved
COPS7B	0.59957639	0.41112478	conserved	conserved
COPS8	0.20336968	0.76575967	conserved	conserved
COPZ2	0.10409128	0.26173975	conserved	conserved
COQ10B	0.23492757	0.50413121	conserved	conserved
COQ2	0.01505257	0.28465396	conserved	conserved
COQ5	0.39678943	0.4489507	conserved	conserved
COQ6	0.19336189	0.13695302	conserved	conserved
CORIN	0.21293792	0	conserved	conserved
CORO1A	0.02967814	0.05380399	conserved	conserved
CORO1B	0.13267276	0.40488077	conserved	conserved
CORO1C	0.40092847	0.31245388	conserved	conserved
CORO2A	0.04310032	0.01170606	conserved	conserved

CORO2B	1.90892937	1.03024576	conserved	conserved
CORO6	0.17968834	0	conserved	conserved
COTL1	0.85358895	1.83586106	conserved	conserved
COX10	0.65867521	0.31585614	conserved	conserved
COX11	0.18256143	0.19665803	conserved	conserved
COX15	0.2058148	0.00466381	conserved	conserved
COX18	0.2654491	0.1670047	conserved	conserved
COX20	0.23647383	1.25574349	conserved	conserved
COX4I2	0.00113213	0.38669041	conserved	conserved
COX6B2	0	0.37415032	conserved	conserved
COX7B	0.13321599	3.36533675	mouse-RGL	conserved
COX8A	0.54871849	10.3744993	conserved	conserved
CP	0.0281591	0.11770287	conserved	conserved
CPA3	0	0	conserved	conserved
CPA4	0.00306138	0.00524707	conserved	conserved
CPA5	0.01617042	0	conserved	conserved
CPA6	0.05376426	0	conserved	conserved
CPD	1.02199629	0.57835892	conserved	conserved
CPE	19.4054044	8.96009545	monkey-NSC	conserved
CPEB2	0.69395716	0.07732871	conserved	conserved
CPEB3	6.95028054	0.04047112	monkey-NSC	conserved
CPEB4	3.83340882	0.49658205	monkey-NSC	conserved
CPED1	0.34677785	0.02204714	conserved	conserved
CPLX4	0.0018938	0	conserved	conserved
CPM	0.1309174	0.08704194	conserved	conserved
CPN1	0.02531686	0	conserved	conserved
CPNE2	0.66555853	0.76890252	conserved	conserved
CPNE3	0.49726341	0.94194979	conserved	conserved
CPNE4	0.91451841	0.06045849	conserved	conserved
CPNE5	0.05513871	0.02635507	conserved	conserved
CPNE6	0.08783176	0.03256997	conserved	conserved
CPNE7	0.02610701	0.00654037	conserved	conserved
CPNE8	0.29453908	0.15240804	conserved	conserved
CPNE9	0.23040258	0.00398681	conserved	conserved
CPPED1	0.96736741	0.20823176	conserved	conserved
CPQ	1.37756207	0.0849269	monkey-NSC	conserved
CPS1	0.00436113	0.00691127	conserved	conserved
CPSF2	0.3996922	0.36288707	conserved	conserved
CPSF3	0.67277182	0.29287083	conserved	conserved
CPSF4	0.28741939	0.17557278	conserved	conserved
CPSF7	0.61119157	0.33012603	conserved	conserved

CPT1A	0.67475959	0.39986742	conserved	conserved
CPT1B	0.0554181	0	conserved	conserved
CPT1C	0.38006351	0.29931658	conserved	conserved
CPT2	0.05423147	0.11989206	conserved	conserved
CPVL	0.13676624	0	conserved	conserved
CPXM1	0.00168468	0.15988605	conserved	conserved
CPXM2	0.04421924	0.01341897	conserved	conserved
CPZ	0.00055524	0	conserved	conserved
CR2	0.00428718	0.02544111	conserved	conserved
CRABP1	0.00433701	0.00939183	conserved	conserved
CRABP2	0.00177568	0.00243806	conserved	conserved
CRACR2A	0.17897469	0	conserved	conserved
CRACR2B	0.03489683	0.00326065	conserved	conserved
CRADD	3.14133012	0.18298492	monkey-NSC	conserved
CRAT	0.17383036	0.35005185	conserved	conserved
CRB1	4.80707958	0.04507954	conserved	conserved
CRB2	0.24506583	0.09593292	conserved	conserved
CRBN	0.5147437	0.14069497	conserved	conserved
CREB1	0.9433745	0.48222989	conserved	conserved
CREB3	0.04360436	0.30256816	conserved	conserved
CREB3L1	0.01838325	0.06009086	conserved	conserved
CREB3L2	0.328233	0.13321557	conserved	conserved
CREB3L3	0.02482255	0.00260561	conserved	conserved
CREB3L4	0.02850442	0.02056332	conserved	conserved
CREB5	0.44556375	0.74746445	conserved	conserved
CREBL2	0.30827915	0.10012946	conserved	conserved
CREBRF	0.62004221	0.35513598	conserved	conserved
CREG1	0.11481824	0.28351446	conserved	conserved
CREG2	0.12764607	0.99410822	conserved	conserved
CRELD1	0.52978202	0.27807012	conserved	conserved
CRELD2	0.16836012	0.28738446	conserved	conserved
CREM	1.02851218	0.22938282	conserved	conserved
CRH	0.00694214	0.01018514	conserved	conserved
CRHBP	0.01358016	0	conserved	conserved
CRHR2	0.0052992	0	conserved	conserved
CRIM1	1.77242315	0.09485158	conserved	conserved
CRIP2	0.21018537	6.299429	mouse-RGL	conserved
CRIP3	0.01846893	0	conserved	conserved
CRISP1	0	0	conserved	conserved
CRISPLD1	0.05504806	0.00822667	conserved	conserved
CRISPLD2	0.16256362	0.02509907	conserved	conserved

CRK	0.7656612	0.73742471	conserved	conserved
CRLF3	0.36470399	0.3791224	conserved	conserved
CRMP1	0.75175657	0.46106366	conserved	conserved
CRNKL1	0.17693081	0.16261623	conserved	conserved
CRNN	0	0	conserved	conserved
CROT	0.26645474	0.39091058	conserved	conserved
CRTAC1	0.06591669	0.03661124	conserved	conserved
CRTAP	0.08083081	0.14943516	conserved	conserved
CRTC1	1.00960004	0.41214899	conserved	conserved
CRTC2	0.10056774	0.07560489	conserved	conserved
CRTC3	2.41108008	0.93881684	conserved	conserved
CRY1	0.49851948	0.23530886	conserved	conserved
CRY2	1.28005039	0.24481049	conserved	conserved
CRYAB	0.28074034	0.62213618	conserved	conserved
CRYBA1	0.0266961	0	conserved	conserved
CRYBA4	0.01753533	0.0029494	conserved	conserved
CRYBB1	0.01262162	0.02000274	conserved	conserved
CRYBB2	0.00125365	0	conserved	conserved
CRYBB3	0.00672075	0.17643137	conserved	conserved
CRYGB	0.00411397	0	conserved	conserved
CRYGC	0	0	conserved	conserved
CRYGN	0.00209888	0.01419129	conserved	conserved
CRYGS	0.02058373	0	conserved	conserved
CRYL1	0.8289841	0.09636934	conserved	conserved
CRYM	0.11459894	0.22148376	conserved	conserved
CRYZL1	1.64333872	0.67706484	conserved	conserved
CSAD	0.89535588	0.54424149	conserved	conserved
CSDC2	0.24433643	0.99243651	conserved	conserved
CSDE1	1.02990172	1.88242251	conserved	conserved
CSE1L	0.47977196	0.40121551	conserved	conserved
CSF1	0.18144057	0.126766	conserved	conserved
CSF1R	0.03869075	0.00559089	conserved	conserved
CSF3	0	0	conserved	conserved
CSF3R	0.00729133	0	conserved	conserved
CSGALNACT2	0.44534366	0.1011621	conserved	conserved
CSMD2	1.81262797	0.27998488	conserved	conserved
CSMD3	8.76704578	0.02620016	monkey-NSC	conserved
CSN1S1	0	0	conserved	conserved
CSN3	0	0	conserved	conserved
CSNK1D	0.77333463	0.75147221	conserved	conserved
CSNK1G1	2.36823117	0.3393759	conserved	conserved

CSNK1G3	0.9517302	0.42097336	conserved	conserved
CSNK2A2	0.52606051	0.07359255	conserved	conserved
CSPG4	0.02018804	0.01648954	conserved	conserved
CSPG5	1.88710318	6.09552681	monkey-NSC	conserved
CSPP1	4.39976362	1.02879144	conserved	conserved
CSRNP1	0.03599352	0.07010866	conserved	conserved
CSRNP2	0.18074316	0.05990218	conserved	conserved
CSRNP3	1.62997899	0.02570095	conserved	conserved
CSRP1	1.01198324	1.7650871	conserved	conserved
CSRP2	0.03161159	0.88763113	conserved	conserved
CSRP3	0	0	conserved	conserved
CST11	0	0	conserved	conserved
CST6	0.0034863	0.02474839	conserved	conserved
CST7	0	0	conserved	conserved
CST8	0	0	conserved	conserved
CSTB	0.26541349	1.40392246	conserved	conserved
CSTF1	0.06491837	0.19122685	conserved	conserved
CSTF2	0.08350502	0.55671289	conserved	conserved
CSTF3	1.07133599	0.44979081	conserved	conserved
CSTL1	0.00219889	0	conserved	conserved
CTBP1	0.58466171	2.29102565	conserved	conserved
CTBP2	2.48254689	0.61289913	conserved	conserved
CTBS	0.05452979	0.09514854	conserved	conserved
CTC1	0.13747485	0.18120736	conserved	conserved
CTCF	1.37838895	0.65462294	conserved	conserved
CTCFL	0.0183812	0	conserved	conserved
CTDNEP1	0.20615666	0.23498853	conserved	conserved
CTDP1	0.26929768	0.04087429	conserved	conserved
CTDSP2	0.5133148	0.8691196	conserved	conserved
CTDSPL2	1.18880798	0.38529551	conserved	conserved
CTF1	0.02288917	0.13919455	conserved	conserved
CTH	0.21902766	0.0494068	conserved	conserved
CTHRC1	0.04135701	0.75186756	conserved	conserved
CTIF	1.89355657	0.09633077	monkey-NSC	conserved
CTLA4	0	0	conserved	conserved
CTNNA2	44.1346726	0.28338405	conserved	conserved
CTNNA3	3.23624783	0.02029093	conserved	conserved
CTNNAL1	1.49513333	0.21351003	conserved	conserved
CTNNB1	1.03377999	1.67638914	conserved	conserved
CTNND2	35.4425323	1.04324345	conserved	conserved
CTNS	0.3896276	0.13467477	conserved	conserved

CTPS2	0.46084052	0.11346312	conserved	conserved
CTR9	0.23322564	0.34631029	conserved	conserved
CTSA	0.12825841	0.41407369	conserved	conserved
CTSB	0.28868405	1.55211928	conserved	conserved
CTSC	0.13295621	0.08376923	conserved	conserved
CTSF	0.02697689	0.29625888	conserved	conserved
CTSH	0.03603874	0.06944848	conserved	conserved
CTSO	0.14657512	0.43684452	conserved	conserved
CTSS	0.24523832	0.01461875	conserved	conserved
CTSW	0.00525374	0	conserved	conserved
CTSZ	0.00644788	0.54838341	conserved	conserved
CTTN	0.85709511	0.4440469	conserved	conserved
CTTNBP2	1.65782073	1.37868438	conserved	conserved
CTTNBP2NL	0.16135213	0.20320787	conserved	conserved
CTXN2	0.00813491	0.08210711	conserved	conserved
CUBN	0.02863986	0.00417185	conserved	conserved
CUEDC1	0.21338102	1.39878605	conserved	conserved
CUL1	0.86477205	1.06947213	conserved	conserved
CUL2	0.55955481	0.18995654	conserved	conserved
CUL3	1.69923699	0.58204684	conserved	conserved
CUL4A	1.18048759	0.29315574	monkey-NSC	conserved
CUL5	2.75813911	0.68036872	conserved	conserved
CUL7	0.22492978	0.14205324	conserved	conserved
CUL9	0.35369163	0.22939479	conserved	conserved
CUTA	0.05709372	2.11661313	conserved	conserved
CUX2	0.07613707	0.03723319	conserved	conserved
CWC15	0.15036591	1.96195679	mouse-RGL	conserved
CWC25	0.13828882	0.30954658	conserved	conserved
CWC27	1.90577364	0.20106462	conserved	conserved
CWH43	0.02850481	0	conserved	conserved
CX3CL1	0.14187468	0.05530908	conserved	conserved
CX3CR1	0.02185991	0.0097504	conserved	conserved
CXCL10	0	0.00541768	conserved	conserved
CXCL14	0.38910785	0.91991032	monkey-NSC	conserved
CXCL16	0.00479903	0.00893592	conserved	conserved
CXCL9	0	0	conserved	conserved
CXCR1	0	0	conserved	conserved
CXCR3	0.00058515	0	conserved	conserved
CXCR4	0.01421986	0.32328284	conserved	conserved
CXCR5	0.00087043	0	conserved	conserved
CXCR6	0.00096597	0	conserved	conserved

CXXC1	0.18015305	0.33337287	conserved	conserved
CXXC5	0.36128312	0.81760216	conserved	conserved
CYB561	0.03118319	0.00895999	conserved	conserved
CYB561A3	0.03592123	0	conserved	conserved
CYB561D1	0.09861641	0.05593099	conserved	conserved
CYB561D2	0.13945234	0.20551191	conserved	conserved
CYB5B	0.83715076	0.7226212	conserved	conserved
CYB5D2	0.38918276	0.22158588	conserved	conserved
CYB5R1	0.06178861	0.05372908	conserved	conserved
CYB5R2	0.00188164	0.00729035	conserved	conserved
CYB5R3	0.26508142	0.34128395	conserved	conserved
CYB5R4	0.91709513	0.17916719	conserved	conserved
CYBB	0.00515466	0	conserved	conserved
CYBRD1	0.40816371	0.3495671	conserved	conserved
CYC1	0.28418937	1.73661952	mouse-RGL	conserved
CYFIP1	0.61936669	0.41532978	conserved	conserved
CYFIP2	3.07853523	0.14921531	conserved	conserved
CYHR1	0.52442383	0.78357805	conserved	conserved
CYLC1	0.03490534	0	conserved	conserved
CYLC2	0	0	conserved	conserved
CYLD	0.24860316	0.08399695	conserved	conserved
CYP17A1	0.01540211	0	conserved	conserved
CYP19A1	0.005475	0	conserved	conserved
CYP1A1	0	0	conserved	conserved
CYP1A2	0.00098122	0	conserved	conserved
CYP1B1	0.00519974	0.95597664	conserved	conserved
CYP24A1	0.0012013	0	conserved	conserved
CYP26A1	0.00118616	0	conserved	conserved
CYP26B1	0.0067453	0.01502827	conserved	conserved
CYP26C1	0	0	conserved	conserved
CYP27A1	1.24116862	0	conserved	conserved
CYP27B1	0.0045627	0	conserved	conserved
CYP2R1	0.04063079	0	conserved	conserved
CYP2S1	0.00154863	0	conserved	conserved
CYP39A1	0.36357853	0.16724344	conserved	conserved
CYP46A1	1.33212361	0.18447709	conserved	conserved
CYP4B1	0	0	conserved	conserved
CYP4X1	0.07362667	0	conserved	conserved
CYP7A1	0.00609578	0	conserved	conserved
CYP7B1	0.92826094	0.21839397	conserved	conserved
CYP8B1	0.00152713	0	conserved	conserved

CYSLTR1	0.01743714	0	conserved	conserved
CYTH1	1.33158915	0.23224685	conserved	conserved
CYTH4	0.00904912	0.00595068	conserved	conserved
CYTIP	0.00826706	0	conserved	conserved
D2HGDH	0.65205279	0.06964102	conserved	conserved
DAAM1	2.06087254	0.73600468	conserved	conserved
DAAM2	7.95889192	0.50624276	monkey-NSC	conserved
DAB1	6.09696732	1.79921182	conserved	conserved
DAB2	0.07340261	0.18310664	conserved	conserved
DAB2IP	0.61204522	0.18541494	conserved	conserved
DACH1	0.34788092	0.23799591	conserved	conserved
DACT1	0.05098555	0.0526826	conserved	conserved
DAD1	0.10812943	2.19695685	conserved	conserved
DAG1	1.32888494	1.44756751	conserved	conserved
DAGLB	0.24175448	0.20661518	conserved	conserved
DALRD3	0.10439067	0.54221669	conserved	conserved
DAND5	0	0.16309014	conserved	conserved
DAO	0.0028335	0	conserved	conserved
DAP3	0.97010456	0.76257118	conserved	conserved
DAPK1	6.57912927	0.20533004	conserved	conserved
DAPK2	0.05898231	0.17287159	conserved	conserved
DAPP1	0.00387095	0.14384997	conserved	conserved
DARS2	0.22311254	0.04799051	conserved	conserved
DAW1	0.00947174	0.01390855	conserved	conserved
DAZAP1	1.06982929	0.94123485	conserved	conserved
DBF4	0.16339329	0.07680789	conserved	conserved
DBH	0.00364747	0	conserved	conserved
DBN1	0.17448715	0.56570961	conserved	conserved
DBNDD1	0.03900979	0.09134149	conserved	conserved
DBNL	0.33186626	0.55991846	conserved	conserved
DBR1	0.13301615	0.0920733	conserved	conserved
DBT	1.27597503	0.31518905	conserved	conserved
DBX1	0.00089192	0	conserved	conserved
DCAF10	0.89099832	0.1493847	conserved	conserved
DCAF11	0.12514688	0.69499004	conserved	conserved
DCAF12	0.2823001	0.56882835	conserved	conserved
DCAF17	0.34667005	0.33589157	conserved	conserved
DCAF5	2.19610985	0.16887135	conserved	conserved
DCAF6	2.17197278	0.31588472	conserved	conserved
DCBLD1	0.22434059	0.06392485	conserved	conserved
DCBLD2	0.54359482	0.09001838	conserved	conserved

DCC	13.4258245	0.02343245	conserved	conserved
DCDC2B	0.0759417	0	conserved	conserved
DCDC2C	0.00375762	0	conserved	conserved
DCHS1	0.2971786	0.26339921	conserved	conserved
DCK	0.06678192	0.26580279	conserved	conserved
DCLK1	11.7918876	5.81205391	conserved	conserved
DCLK2	5.07117943	0.3492502	conserved	conserved
DCLK3	0.02960773	0.01956318	conserved	conserved
DCLRE1A	0.0619079	0.20452356	conserved	conserved
DCLRE1B	0.03730105	0.07871728	conserved	conserved
DCLRE1C	0.36480191	0.03525254	conserved	conserved
DCN	0.01535498	0.16230969	conserved	conserved
DCP1A	1.16875622	0.06625529	conserved	conserved
DCP1B	0.61872485	0.138556	conserved	conserved
DCP2	0.28645078	0.18420048	conserved	conserved
DCPS	0.12993491	0.33013524	conserved	conserved
DCST1	0.00611741	0.0066255	conserved	conserved
DCST2	0.0300306	0.00302008	conserved	conserved
DCSTAMP	0	0	conserved	conserved
DCT	0.02626334	0.06992557	conserved	conserved
DCTD	0.27122643	0.16982041	conserved	conserved
DCTN2	0.31100346	1.34790924	conserved	conserved
DCTN3	0.17864963	1.5399841	mouse-RGL	conserved
DCTN4	0.65880359	0.69585093	conserved	conserved
DCTN5	0.09758155	0.3969598	conserved	conserved
DCTN6	0.36210107	0.40847434	conserved	conserved
DCTPP1	0.03780596	1.50212562	mouse-RGL	conserved
DCUN1D2	1.53643655	0.10548895	monkey-NSC	conserved
DCUN1D4	0.95556334	0.11811067	conserved	conserved
DCUN1D5	0.32436808	1.73945723	conserved	conserved
DCX	1.24270725	0.37425395	conserved	conserved
DCXR	0.03102966	0.35671045	conserved	conserved
DDAH1	3.45805787	5.03423065	conserved	conserved
DDAH2	0.29867279	2.90460891	mouse-RGL	conserved
DDB1	0.75432857	0.74176551	conserved	conserved
DDC	0.01122802	0.01258769	conserved	conserved
DDHD1	1.80350377	0.27904256	monkey-NSC	conserved
DDHD2	0.35105149	0.21845755	conserved	conserved
DDIAS	0.00350345	0.009699	conserved	conserved
DDIT3	0.16764024	0.42325819	conserved	conserved
DDIT4	0.39928907	0.90160001	conserved	conserved

DDOST	0.20563027	0.78395246	conserved	conserved
DDR1	0.78140943	0.77922936	conserved	conserved
DDR2	0.24319386	0.02362839	conserved	conserved
DDRGK1	0.26582027	1.28801849	conserved	conserved
DDX1	0.37567574	0.59993815	conserved	conserved
DDX10	0.64552945	0.16229605	conserved	conserved
DDX17	7.61990627	1.38161682	conserved	conserved
DDX18	0.63950995	0.62718827	conserved	conserved
DDX23	0.20162207	0.07187238	conserved	conserved
DDX24	1.72817963	1.14399697	conserved	conserved
DDX25	0.19531565	0.10754573	conserved	conserved
DDX27	0.20365495	0.28691182	conserved	conserved
DDX28	0.00120409	0.06852814	conserved	conserved
DDX31	0.51838652	0.06797405	conserved	conserved
DDX39B	0.54332539	2.03846275	mouse-RGL	conserved
DDX3X	1.17536764	1.60832997	conserved	conserved
DDX4	0.07066878	0.00322465	conserved	conserved
DDX42	0.65672431	0.49985768	conserved	conserved
DDX47	0.11774475	0.22874147	conserved	conserved
DDX49	0.17300521	0.22579694	conserved	conserved
DDX5	2.54816236	6.43157099	conserved	conserved
DDX50	0.96281609	0.49757657	conserved	conserved
DDX52	0.16437409	0.29472068	conserved	conserved
DDX54	0.20385781	0.30348661	conserved	conserved
DDX55	0.34468949	0.2150408	conserved	conserved
DDX56	0.04905766	0.22517616	conserved	conserved
DDX59	0.34938807	0.06765834	conserved	conserved
DDX6	0.89989794	0.55078634	conserved	conserved
DDX60	0.03054581	0.02595348	conserved	conserved
DEAF1	0.29308434	0.52305879	conserved	conserved
DECR1	1.11617736	0.36084329	conserved	conserved
DEDD	0.12761434	0.19909565	conserved	conserved
DEF8	0.41689248	0.16665745	conserved	conserved
DENND1A	6.88238739	0.58495973	conserved	conserved
DENND1B	1.63293119	0.28000894	conserved	conserved
DENND1C	0.00344897	0.00135972	conserved	conserved
DENND2A	3.22846313	0.37777943	conserved	conserved
DENND2C	0.07619163	0.00673309	conserved	conserved
DENND3	0.15252638	0.00135972	conserved	conserved
DENND4A	1.76187303	0.11689591	conserved	conserved
DENND4B	0.16832702	0.09430253	conserved	conserved

DENND4C	2.00594589	0.13389336	conserved	conserved
DENND5A	1.59929183	0.9485649	conserved	conserved
DENND5B	2.08874215	0.43342721	conserved	conserved
DENND6A	1.5493336	0.22190175	conserved	conserved
DENND6B	0.63601647	0.08756039	conserved	conserved
DENR	0.45211408	1.47819655	conserved	conserved
DEPDC1B	0.04251619	0	conserved	conserved
DEPDC7	0.00394828	0.02551039	conserved	conserved
DEPTOR	0.31167381	0.20644981	conserved	conserved
DERA	0.50046123	0.18258251	conserved	conserved
DERL1	0.2793406	0.49080588	conserved	conserved
DERL2	0.16199501	0.39465481	conserved	conserved
DERL3	0.00118888	0.01352498	conserved	conserved
DES	0.00109309	0	conserved	conserved
DESI2	0.68354492	1.11754519	conserved	conserved
DFFA	0.11570562	0.1051312	conserved	conserved
DFFB	0.1720376	0.06452045	conserved	conserved
DGAT1	0.09846043	0.11814133	conserved	conserved
DGAT2	0.01535688	0.05289263	conserved	conserved
DGAT2L6	0.00789904	0	conserved	conserved
DGKB	12.4276811	0.13044708	monkey-NSC	conserved
DGKD	0.69775987	0.15874379	conserved	conserved
DGKE	0.16906904	0.05636014	conserved	conserved
DGKH	0.81797742	0.0158353	conserved	conserved
DGKI	1.62090741	0.00733922	monkey-NSC	conserved
DGKQ	0.01775283	0.09617727	conserved	conserved
DGKZ	0.43237728	0.19089148	conserved	conserved
DGUOK	0.28931068	0.53411135	conserved	conserved
DHCR24	0.10166435	0.482632	conserved	conserved
DHCR7	0.05212578	0.4660293	conserved	conserved
DHDDS	0.78110384	0.20632346	conserved	conserved
DHH	0	0	conserved	conserved
DHRS1	0.11344345	1.83716208	mouse-RGL	conserved
DHRS2	0.00074001	0.00495317	conserved	conserved
DHRS3	0.35105981	0.70086871	conserved	conserved
DHRS7	0.07293037	0.15942471	conserved	conserved
DHRS7B	0.59925439	0.23820185	conserved	conserved
DHRS7C	0.00861207	0	conserved	conserved
DHRS9	0.00580745	0	conserved	conserved
DHX15	0.60509364	0.8239563	conserved	conserved
DHX16	0.07111821	0.11133484	conserved	conserved

DHX29	0.78162053	0.14749618	conserved	conserved
DHX30	0.98311172	1.30583481	conserved	conserved
DHX32	0.90115193	0.47356172	conserved	conserved
DHX35	0.44422582	0.03916511	conserved	conserved
DHX36	1.50543633	0.56841835	conserved	conserved
DHX37	0.24472786	0.07668893	conserved	conserved
DHX38	0.2073746	0.06649579	conserved	conserved
DHX58	0.08362929	0.02792942	conserved	conserved
DHX8	0.40720845	0.12773193	conserved	conserved
DHX9	1.40439293	0.46039067	conserved	conserved
DIAPH1	0.35515511	0.16745465	conserved	conserved
DIAPH3	0.89946114	0.24465341	conserved	conserved
DICER1	1.16025296	0.4365635	conserved	conserved
DIDO1	0.80672221	0.46103996	conserved	conserved
DIMT1	0.19398756	0.16401567	conserved	conserved
DIO1	0.03189181	0	conserved	conserved
DIP2A	0.82629687	0.22438276	conserved	conserved
DIP2B	2.1060362	0.55160334	conserved	conserved
DIP2C	3.16412706	0.12155302	conserved	conserved
DIRAS2	0.08883068	0.14378413	conserved	conserved
DIS3	0.12267473	0.13203021	conserved	conserved
DIS3L	0.3936496	0.11176349	conserved	conserved
DIS3L2	2.99869143	0.16299632	conserved	conserved
DISC1	0.66070551	0.0101858	conserved	conserved
DISP1	0.70375528	0.03091701	conserved	conserved
DISP2	0.01347214	0.02571005	conserved	conserved
DIXDC1	1.3081872	0.09738867	conserved	conserved
DKK1	0.0022917	0	conserved	conserved
DKK2	0.08461391	0.00880294	conserved	conserved
DKK3	0.83316359	0.99645462	conserved	conserved
DKK4	0	0	conserved	conserved
DLD	0.2740406	0.45928615	conserved	conserved
DLEC1	0.06929952	0.00642344	conserved	conserved
DLG1	4.59886615	0.19106207	conserved	conserved
DLG2	21.3982559	0.05502116	conserved	conserved
DLG3	0.2784062	0.07150832	conserved	conserved
DLG4	0.68431916	0.26308136	conserved	conserved
DLG5	1.55129554	0.32472479	conserved	conserved
DLGAP3	0.11936568	0.04687173	conserved	conserved
DLGAP4	1.33383944	0.83710533	conserved	conserved
DLGAP5	0.01737047	0.0114168	conserved	conserved

DLK1	0	0.00306181	conserved	conserved
DLL1	0.0222033	0.1218713	conserved	conserved
DLL3	0.0015414	0.05843198	conserved	conserved
DLL4	0	0.03366076	conserved	conserved
DLST	0.29819743	0.27110383	conserved	conserved
DLX1	0.01215884	0.03198833	conserved	conserved
DLX3	0.00074534	0	conserved	conserved
DLX4	0	0	conserved	conserved
DLX6	0	0.00769978	conserved	conserved
DMAP1	0.06813323	0.19395656	conserved	conserved
DMBX1	0.00231192	0	conserved	conserved
DMD	11.0275306	0.74916415	monkey-NSC	conserved
DMGDH	0.15410002	0	conserved	conserved
DMP1	0	0	conserved	conserved
DMRT2	0	0	conserved	conserved
DMRTC2	0.00253585	0	conserved	conserved
DMTF1	1.7817079	0.38016603	conserved	conserved
DMTN	0.068709	0.0208825	conserved	conserved
DMXL1	2.77722629	0.23752051	conserved	conserved
DMXL2	2.1795997	0.23230441	conserved	conserved
DNAAF1	0.00990829	0	conserved	conserved
DNAAF2	0.06501117	0.20435477	conserved	conserved
DNAH1	0.01632635	0.0103552	conserved	conserved
DNAH10	0.0839079	0	conserved	conserved
DNAH2	0.08757091	0.01102435	conserved	conserved
DNAH3	0.06507122	0.00358835	conserved	conserved
DNAH5	0.0933365	0.08827349	conserved	conserved
DNAH6	0.64820371	0.01912408	conserved	conserved
DNAH8	0.06320515	0.00950831	conserved	conserved
DNAH9	1.22359412	0.02128607	conserved	conserved
DNAJA3	0.22913672	0.25687099	conserved	conserved
DNAJA4	0.0905866	0.07795508	conserved	conserved
DNAJB12	0.35171905	0.11882985	conserved	conserved
DNAJB13	0.20391975	0.05221515	conserved	conserved
DNAJB14	0.94618702	0.43885796	conserved	conserved
DNAJB2	0.13960034	0.53319911	conserved	conserved
DNAJB4	0.73913389	0.80815312	conserved	conserved
DNAJB5	0.12791996	0.11249774	conserved	conserved
DNAJB6	0.51884848	1.85872659	mouse-RGL	conserved
DNAJC1	2.41264087	0.78262352	conserved	conserved
DNAJC10	0.3653486	0.43657724	conserved	conserved

DNAJC11	0.69839528	0.27869186	conserved	conserved
DNAJC12	0.04092478	0.18463048	conserved	conserved
DNAJC13	0.76550085	0.229965	conserved	conserved
DNAJC15	0.37226955	0.96719505	conserved	conserved
DNAJC16	0.56365569	0.08210395	conserved	conserved
DNAJC18	0.37725821	0.5096167	conserved	conserved
DNAJC2	0.55352977	0.51567054	conserved	conserved
DNAJC21	0.20029193	0.12448221	conserved	conserved
DNAJC22	0.00171918	0	conserved	conserved
DNAJC27	0.40758695	0.0960339	conserved	conserved
DNAJC28	0.0056298	0.0689411	conserved	conserved
DNAJC3	0.61038428	0.45619971	conserved	conserved
DNAJC4	0.06880636	0.1927007	conserved	conserved
DNAJC5B	0.00409212	0	conserved	conserved
DNAJC6	0.90717416	0.0789648	conserved	conserved
DNAJC9	0.18221426	0.68992073	conserved	conserved
DNAL1	0.30998088	0.08098274	conserved	conserved
DNALI1	0.03774278	0.00769582	conserved	conserved
DNASE1	0.4683949	0	conserved	conserved
DNASE1L1	0.01964001	0.04386646	conserved	conserved
DNASE1L2	0.02737495	0.0237796	conserved	conserved
DNASE1L3	0.0020828	0	conserved	conserved
DNASE2B	0	0	conserved	conserved
DND1	0.01617582	0.00658299	conserved	conserved
DNER	0.69066555	0.16411237	conserved	conserved
DNLZ	0.05081062	1.37526013	mouse-RGL	conserved
DNM1	1.26959816	0.10646706	conserved	conserved
DNM1L	1.68109169	0.56105077	conserved	conserved
DNM2	1.57985254	0.24771873	conserved	conserved
DNM3	6.18698626	0.19670722	monkey-NSC	conserved
DNMBP	0.41048398	0.00364845	conserved	conserved
DNMT1	1.66371298	0.283653	conserved	conserved
DNMT3A	2.31912163	0.69038166	monkey-NSC	conserved
DNPEP	0.34046159	0.48102028	conserved	conserved
DNPH1	0.01206659	0.13802282	conserved	conserved
DNTT	0.02090114	0	conserved	conserved
DNTTIP1	0.18250824	0.2386531	conserved	conserved
DOC2A	0.04450496	0.01323079	conserved	conserved
DOC2B	0.11630752	0.01331166	conserved	conserved
DOCK1	6.62279529	0.40850829	monkey-NSC	conserved
DOCK10	1.62776177	0.03642401	conserved	conserved

DOCK11	0.17011694	0.19516025	conserved	conserved
DOCK2	0.08629414	0	conserved	conserved
DOCK3	8.28526037	0.15403097	conserved	conserved
DOCK4	8.49452759	0.03841758	monkey-NSC	conserved
DOCK5	1.13224358	0	monkey-NSC	monkey-NSC1-enriched
DOCK7	4.27996691	0.44400629	monkey-NSC	conserved
DOCK8	0.06710699	0.00569293	conserved	conserved
DOCK9	1.16636324	0.08538318	conserved	conserved
DOK1	0.02273373	0.09825238	conserved	conserved
DOK2	0.00175126	0.00394278	conserved	conserved
DOK4	0.04915045	0.05335771	conserved	conserved
DOK5	2.55455363	0.94755629	conserved	conserved
DOK6	2.10576022	0.03557758	conserved	conserved
DOK7	0.00368476	0.02711948	conserved	conserved
DOLPP1	0.03548226	0.19564156	conserved	conserved
DPAGT1	0.06511077	0.14410174	conserved	conserved
DPCD	0.22451062	0.59651514	conserved	conserved
DPEP1	0.00673778	0	conserved	conserved
DPEP3	0.00073182	0	conserved	conserved
DPF1	0.20354303	0.17922231	conserved	conserved
DPF3	4.45950184	0.18554477	monkey-NSC	conserved
DPH1	0.13538731	0	conserved	conserved
DPH2	0.06429613	0.0719887	conserved	conserved
DPH5	0.55549046	0.14935866	conserved	conserved
DPH6	1.0766289	0.47441894	conserved	conserved
DPH7	0.13595054	0.0729893	conserved	conserved
DPP10	60.8926487	0.01166977	conserved	conserved
DPP3	0.37383263	0.10450296	conserved	conserved
DPP4	0.00863642	0	conserved	conserved
DPP6	4.62613259	0.08488169	conserved	conserved
DPP7	0.61524407	0.07851961	conserved	conserved
DPP8	1.85457772	0.25506181	monkey-NSC	conserved
DPP9	0.27747435	0.14315533	conserved	conserved
DPPA4	0.00557946	0	conserved	conserved
DPT	0	0	conserved	conserved
DPY19L3	1.38878808	0.32863453	conserved	conserved
DPY19L4	0.5465633	0.23269536	conserved	conserved
DPY30	0.38663292	1.79051505	conserved	conserved
DPYD	3.30079679	0.01548038	conserved	conserved
DPYS	0.03691288	0	conserved	conserved
DPYSL2	3.08348472	4.47875417	conserved	conserved

DPYSL3	0.15736918	1.29427757	mouse-RGL	conserved
DPYSL4	0.08533305	0.64764821	conserved	conserved
DPYSL5	0.67563347	0.44699003	conserved	conserved
DQX1	0.01878764	0.01358946	conserved	conserved
DRAM1	0.01753958	0	conserved	conserved
DRAP1	0.08705006	1.27899306	conserved	conserved
DRC7	0.00402346	0.00570729	conserved	conserved
DRD1	0.01924776	0.00644284	conserved	conserved
DRD2	0.00537333	0	conserved	conserved
DRD3	0.00700868	0	conserved	conserved
DRD5	0	0.00671526	conserved	conserved
DRG2	0.14496108	0.30036364	conserved	conserved
DROSHA	1.02989643	0.22037089	conserved	conserved
DRP2	0.10225382	0.09810229	conserved	conserved
DSCAM	2.7009848	0.04511122	conserved	conserved
DSCAML1	1.35895926	0.0746532	conserved	conserved
DSCC1	0	0.01948355	conserved	conserved
DSEL	0.07385712	0.08857683	conserved	conserved
DSP	0.01090795	0	conserved	conserved
DSTYK	0.66481267	0.17430554	conserved	conserved
DTD2	0.10372899	0.47405263	conserved	conserved
DTHD1	0.02318535	0	conserved	conserved
DTL	0.0070459	0.39922502	conserved	conserved
DTNA	22.8404371	2.00236652	monkey-NSC	conserved
DTNBP1	1.63744542	0.20214884	conserved	conserved
DTWD2	0.72081103	0.09277787	conserved	conserved
DTX2	0.23749011	0.10662369	conserved	conserved
DTX3	0.28489307	1.28188748	conserved	conserved
DTX4	0.31867521	0.23537775	conserved	conserved
DTYMK	0.03364059	1.94994251	mouse-RGL	conserved
DUOX1	0.0472052	0	conserved	conserved
DUOX2	0	0	conserved	conserved
DUOXA1	0.00113502	0	conserved	conserved
DUOXA2	0	0.00405985	conserved	conserved
DUS1L	0.1376506	0.24869784	conserved	conserved
DUS2	0.53858163	0.09028336	conserved	conserved
DUSP10	0.08558942	0.2131446	conserved	conserved
DUSP11	0.21942055	0.80085758	conserved	conserved
DUSP14	0.02989651	0.23959888	conserved	conserved
DUSP15	0.03564763	0.07033603	conserved	conserved
DUSP16	0.9053557	0.2602074	conserved	conserved

DUSP19	0.0455052	0.1543785	conserved	conserved
DUSP22	0.3069289	0.12109458	conserved	conserved
DUSP23	0.03220892	0.05928219	conserved	conserved
DUSP26	0.10396517	0.02819439	conserved	conserved
DUSP4	0.00433964	0.01695047	conserved	conserved
DUSP6	0.0559286	0.24015251	conserved	conserved
DUSP7	0.01220589	0.03759487	conserved	conserved
DUSP8	0.00572836	0.31342085	conserved	conserved
DVL3	0.14958604	0.08164404	conserved	conserved
DXO	0.0124952	0.41380403	conserved	conserved
DYDC1	0.01644763	0	conserved	conserved
DYDC2	0.04055737	0.03915335	conserved	conserved
DYM	2.55505063	0.18626154	monkey-NSC	conserved
DYNAP	0	0	conserved	conserved
DYNC1I1	2.18967241	0.04903651	monkey-NSC	conserved
DYNC1I2	1.00579434	1.25953238	conserved	conserved
DYNC1LI1	0.5375263	0.30395529	conserved	conserved
DYNC1LI2	0.76717987	0.40607923	conserved	conserved
DYNC2H1	4.591177	0.35098419	conserved	conserved
DYNLRB1	0.44242074	4.42277847	mouse-RGL	conserved
DYNLRB2	0.15342378	0.10013888	conserved	conserved
DYNLT3	0.09362105	0.7597098	conserved	conserved
DYRK1A	2.04595701	0.3201103	conserved	conserved
DYRK1B	0.10683396	0.0296092	conserved	conserved
DYRK2	0.06175631	0.00626813	conserved	conserved
DYRK3	0.06005296	0.08560506	conserved	conserved
DYRK4	0.03186698	0	conserved	conserved
DYSF	0.21426949	0.00741304	conserved	conserved
DYTN	0.01443987	0	conserved	conserved
DZANK1	0.58061987	0.10546233	conserved	conserved
DZIP1	1.20689564	0.26267625	monkey-NSC	conserved
DZIP1L	0.0328082	0.10012114	conserved	conserved
DZIP3	1.23037552	0.72466565	conserved	conserved
E2F1	0.01047656	0.26590852	conserved	conserved
E2F2	0.01229917	0.02139823	conserved	conserved
E2F3	0.76050591	0.12804374	conserved	conserved
E2F6	0.14438488	0.23859987	conserved	conserved
E2F7	0.01059668	0.03307633	conserved	conserved
E2F8	0	0.02339003	conserved	conserved
E4F1	0.38589407	0.14609719	conserved	conserved
EAF1	0.08023331	0.07903715	conserved	conserved

EAF2	0.48691128	0.04259997	conserved	conserved
EARS2	0.18168869	0.07818702	conserved	conserved
EBAG9	0.34408918	0.29953468	conserved	conserved
EBF1	0.11542477	0.00934013	conserved	conserved
EBF2	0.01373696	0	conserved	conserved
EBF3	0.01168218	0	conserved	conserved
EBF4	0.28903234	0.03844011	conserved	conserved
EBNA1BP2	0.09685662	1.22818919	mouse-RGL	conserved
ECD	0.41143276	0.25857275	conserved	conserved
ECE1	1.69274792	0.015808	conserved	conserved
ECEL1	0.00305203	0.00594497	conserved	conserved
ECHDC1	0.86831148	0.51635796	conserved	conserved
ECHDC2	0.32819765	0.4716099	conserved	conserved
ECHDC3	0.70563635	0.01767359	conserved	conserved
ECHS1	0.37472049	1.1298885	conserved	conserved
ECI1	0.49695953	0.80307123	conserved	conserved
ECM1	0.05434119	0.00230266	conserved	conserved
ECSIT	0.89662945	0.34021011	conserved	conserved
ECT2	0.07942143	0.01429507	conserved	conserved
EDA	0.8145467	0.03877123	conserved	conserved
EDA2R	0.00365866	0.02531626	conserved	conserved
EDAR	0.07810283	0.01726733	conserved	conserved
EDARADD	0.06785488	0	conserved	conserved
EDC3	0.34920046	0.13650216	conserved	conserved
EDC4	0.2330762	0.15702992	conserved	conserved
EDEM2	0.19056039	0.23058939	conserved	conserved
EDEM3	1.20508934	0.165374	conserved	conserved
EDIL3	3.66214069	0.07411632	monkey-NSC	monkey-NSC1-enriched
EDN2	0	0	conserved	conserved
EDN3	0.00330909	0	conserved	conserved
EDNRA	0.00868097	0.01386217	conserved	conserved
EDNRB	2.02995751	1.12135906	monkey-NSC	conserved
EDRF1	0.518591	0.07090167	conserved	conserved
EEA1	1.7879129	0.34622785	conserved	conserved
EED	0.36863377	0.32444552	conserved	conserved
EEF1A2	0.0266721	0.04191353	conserved	conserved
EEF2K	2.94135489	0.35361623	monkey-NSC	conserved
EEFSEC	0.66662848	0.28647153	conserved	conserved
EEPD1	2.14634359	0.59101222	conserved	conserved
EFCAB1	0.00160546	0.29617484	conserved	conserved
EFCAB10	0.02001107	0.02969352	conserved	conserved

EFCAB11	0.29664928	0.01566189	conserved	conserved
EFCAB12	0.01453455	0.03975578	conserved	conserved
EFCAB3	0.01702888	0.00341122	conserved	conserved
EFCAB5	0.17286942	0.00880111	conserved	conserved
EFCAB6	0.56976369	0.00221154	conserved	conserved
EFCAB8	0.237742	0.00690205	conserved	conserved
EFCAB9	0.00784162	0	conserved	conserved
EFCC1	0.01606882	0.01657431	conserved	conserved
EFEMP1	3.59980552	0.02952337	conserved	conserved
EFEMP2	0.36432295	0.28530299	conserved	conserved
EFHB	0.11331373	0.01144429	conserved	conserved
EFHC1	0.32144407	0.00660463	conserved	conserved
EFHC2	0.67194007	0.00310921	conserved	conserved
EFHD1	0.31132178	0.17749923	conserved	conserved
EFNA3	0.02535862	0.03842017	conserved	conserved
EFNA5	4.0835231	0.15475108	conserved	conserved
EFNB1	0.08159506	0.67857639	conserved	conserved
EFNB2	0.15059059	0.16912368	conserved	conserved
EFNB3	0.09519563	0.54125842	conserved	conserved
EFR3A	2.2290705	0.55198682	conserved	conserved
EFR3B	5.76101377	0.12270172	monkey-NSC	conserved
EFS	0.60073111	0.3043174	conserved	conserved
EFTUD2	0.82527193	0.77442006	conserved	conserved
EGF	0.02338879	0.03396629	conserved	conserved
EGFL6	0.01861641	0.00988197	conserved	conserved
EGFL7	0.02486653	0.08409423	conserved	conserved
EGFLAM	0.04076996	0.00268789	conserved	conserved
EGFR	2.81180148	0.47447022	monkey-NSC	conserved
EGLN3	0.37026575	0.29021246	conserved	conserved
EGR1	0.03683676	3.62268321	conserved	conserved
EGR2	0.00225104	0.05742868	conserved	conserved
EHBP1	3.99448273	0.89205555	conserved	conserved
EHD1	0.16167814	0.31677552	conserved	conserved
EHD2	0.25865378	0.05963219	conserved	conserved
EHD3	0.07691666	0.10459411	conserved	conserved
EHD4	0.06753146	0.02041088	conserved	conserved
EHF	0.00834532	0	conserved	conserved
EHHADH	0.23358801	0.01579081	conserved	conserved
EHMT1	4.04855949	0.56320858	monkey-NSC	conserved
EHMT2	0.26201077	0.49440507	conserved	conserved
EI24	0.22051237	1.87675253	conserved	conserved

EID2	0.00920252	0.07266943	conserved	conserved
EIF1AD	0.02617023	0.41466475	conserved	conserved
EIF1B	0.32537958	4.38301115	mouse-RGL	conserved
EIF2A	0.42374072	0.79711003	conserved	conserved
EIF2AK1	0.33684007	0.19951768	conserved	conserved
EIF2AK2	0.74328804	0.1725655	conserved	conserved
EIF2AK3	0.43741051	0.07311408	conserved	conserved
EIF2AK4	0.67861566	0.13833524	conserved	conserved
EIF2B1	0.32091079	0.24200175	conserved	conserved
EIF2B2	0.14018508	0.31790244	conserved	conserved
EIF2B4	0.17226962	0.30354165	conserved	conserved
EIF2B5	0.78107752	0.25056294	conserved	conserved
EIF2D	0.23544249	0.23634565	conserved	conserved
EIF2S1	0.31564683	0.76345979	conserved	conserved
EIF2S2	0.38465418	3.61785789	mouse-RGL	conserved
EIF3A	0.91105721	1.11624613	conserved	conserved
EIF3B	0.31817558	0.52850939	conserved	conserved
EIF3D	0.21731771	0.69085549	conserved	conserved
EIF3E	0.53912515	3.41670232	mouse-RGL	conserved
EIF3F	0.11901373	5.94314568	mouse-RGL	conserved
EIF3G	0.01609762	1.23778883	conserved	conserved
EIF3H	0.69552266	3.84267043	mouse-RGL	conserved
EIF3K	0.31232229	2.92033389	mouse-RGL	conserved
EIF3L	0.38957509	0.66221117	conserved	conserved
EIF3M	0.40423787	1.19077952	mouse-RGL	conserved
EIF4A2	0.95527251	2.28957747	conserved	conserved
EIF4E	0.4448277	1.41259317	conserved	conserved
EIF4EBP1	0.08402541	0.38204192	conserved	conserved
EIF4ENIF1	0.48244992	0.21624639	conserved	conserved
EIF4G1	0.27430519	0.93465657	conserved	conserved
EIF4G2	0.58503793	5.24219559	conserved	conserved
EIF4G3	7.68820702	0.84797743	conserved	conserved
EIF5	0.60207383	2.65770764	conserved	conserved
EIF5B	0.73772102	1.91179822	mouse-RGL	conserved
ELAC1	0.13119746	0.03698814	conserved	conserved
ELAC2	0.06796889	0.14364441	conserved	conserved
ELAVL1	0.47239179	1.81940756	mouse-RGL	conserved
ELAVL2	0.33417877	0.65823499	conserved	conserved
ELAVL3	1.41595093	0.42340091	conserved	conserved
ELAVL4	0.28479195	0.3020887	conserved	conserved
ELF1	0.86947457	0.13245039	conserved	conserved

ELF2	1.55881076	0.73612101	conserved	conserved
ELF3	0.00353253	0.01150423	conserved	conserved
ELF4	0.0175239	0	conserved	conserved
ELF5	0.0034228	0.00476161	conserved	conserved
ELFN2	0.04350094	0.01987931	conserved	conserved
ELK3	0.09586984	0.14925805	conserved	conserved
ELK4	0.04380195	0.18616384	conserved	conserved
ELL	0.21277693	0.08003121	conserved	conserved
ELL3	0.00655277	0	conserved	conserved
ELMO1	1.27266098	0.08882647	monkey-NSC	conserved
ELMO2	0.72266353	0.19041196	conserved	conserved
ELMO3	0.00443208	0.01299428	conserved	conserved
ELMOD1	1.0960181	0.07293817	conserved	conserved
ELMOD3	1.76303686	0.30598176	conserved	conserved
ELOF1	0.0487116	1.73900026	conserved	conserved
ELOVL2	1.48243637	0.12120859	monkey-NSC	conserved
ELOVL3	0.00154944	0	conserved	conserved
ELOVL4	0.13197686	0.15521541	conserved	conserved
ELOVL6	0.85327075	0.58797131	conserved	conserved
ELOVL7	0.0641471	0.00417321	conserved	conserved
ELP2	0.6697813	0.2024251	conserved	conserved
ELP3	0.42649175	0.26746709	conserved	conserved
ELP5	0.09133009	0.70119613	conserved	conserved
ELP6	0.37815103	0.21969165	conserved	conserved
EMB	0.26807283	0.05580301	conserved	conserved
EMC1	0.16136066	0.39838653	conserved	conserved
EMC10	0.07972825	1.88082892	mouse-RGL	conserved
EMC2	0.69592183	0.79112809	conserved	conserved
EMC3	0.26974075	0.8476359	conserved	conserved
EMC4	0.0301605	0.78543998	conserved	conserved
EMC6	0.0396429	1.79866724	mouse-RGL	conserved
EMC7	0.20065757	1.17422999	conserved	conserved
EMC8	0.17292499	1.22905231	conserved	conserved
EMC9	0.0381048	0.18424844	conserved	conserved
EMCN	0.0505627	0.00420598	conserved	conserved
EMD	0.07926452	0.63604555	conserved	conserved
EME1	0.01811063	0.00690403	conserved	conserved
EMG1	0.05994589	1.96787105	mouse-RGL	conserved
EMID1	1.47275201	1.74023946	conserved	conserved
EMILIN1	0.01019752	0.01739584	conserved	conserved
EMILIN2	0.02323507	0	conserved	conserved

EML1	0.81611798	0.12574864	conserved	conserved
EML3	0.05427825	0.09377692	conserved	conserved
EML4	1.17553898	0.34636646	conserved	conserved
EML5	1.53057225	0.3075625	conserved	conserved
EML6	1.88412591	0.03871061	monkey-NSC	conserved
EMP3	0.05002413	0.02287175	conserved	conserved
EMSY	0.79205424	0.55687023	conserved	conserved
EMX2	0.35175757	1.68600856	mouse-RGL	conserved
ENAH	1.47627557	1.09948861	conserved	conserved
ENC1	0.29844004	0.22965067	conserved	conserved
ENDOD1	0.13385891	0.08968014	conserved	conserved
ENDOU	0.82809177	0.00387971	monkey-NSC	conserved
ENG	0.03581928	0.01212146	conserved	conserved
ENGASE	0.08188097	0.0556612	conserved	conserved
ENKD1	0.05394669	0.19993841	conserved	conserved
ENO2	0.25036924	0.14280254	conserved	conserved
ENO4	0.21821443	0.00739598	conserved	conserved
ENOX1	0.60262375	0.07001828	conserved	conserved
ENOX2	0.25538318	0.05065609	conserved	conserved
ENPEP	0.03879865	0	conserved	conserved
ENPP1	0.04148666	0	conserved	conserved
ENPP2	0.31157891	0.34171894	conserved	conserved
ENPP3	0.01171644	0	conserved	conserved
ENPP4	0.05458266	0.14484049	conserved	conserved
ENPP6	0.02155764	0	conserved	conserved
ENTHD1	0.01090663	0	conserved	conserved
ENTPD2	0.18846339	1.21570187	conserved	conserved
ENTPD3	0.14680523	0	conserved	conserved
ENTPD7	0.12896465	0.04649327	conserved	conserved
ENTPD8	0.00399031	0	conserved	conserved
EOGT	0.21444908	0.06259933	conserved	conserved
EP300	2.2975696	0.20515645	monkey-NSC	conserved
EPAS1	0.56027415	0.11555966	conserved	conserved
EPB41	0.93190128	0.14371512	conserved	conserved
EPB41L1	0.60042066	0.14492013	conserved	conserved
EPB41L2	3.8553966	0.1543703	monkey-NSC	conserved
EPB41L3	0.42916757	0.10260676	conserved	conserved
EPB41L4A	0.39769264	0.07370071	conserved	conserved
EPB41L4B	0.23427547	0.08579968	conserved	conserved
EPB41L5	1.32503424	0.32125738	conserved	conserved
EPB42	0	0	conserved	conserved

EPC1	2.99946374	0.4385784	conserved	conserved
EPC2	1.54736385	0.22242269	conserved	conserved
EPCAM	0.00430206	0.01257972	conserved	conserved
EPG5	0.76544087	0.07467009	conserved	conserved
EPGN	0.0120592	0.00311977	conserved	conserved
EPHA2	0.00458388	0	conserved	conserved
EPHA3	0.31780636	0.08327834	conserved	conserved
EPHA4	1.71396712	1.25894571	conserved	conserved
EPHA5	1.82636281	0.95667739	conserved	conserved
EPHA6	9.03302942	0.00407658	monkey-NSC	conserved
EPHA7	1.69736225	0.33625574	conserved	conserved
EPHA8	0.00223956	0.00356348	conserved	conserved
EPHB1	9.39107647	1.20970378	conserved	conserved
EPHB3	0.05459025	0.2728371	conserved	conserved
EPHB4	0.06442428	0.09169495	conserved	conserved
EPHB6	0.06694569	0.0432595	conserved	conserved
EPHX2	0.74484493	0.10685297	conserved	conserved
EPHX3	0.02266608	0.00178496	conserved	conserved
EPM2AIP1	0.07284296	0.64727046	conserved	conserved
EPN2	2.160763	0.51249333	conserved	conserved
EPN3	0.00259499	0.00337361	conserved	conserved
EPO	0	0	conserved	conserved
EPOR	0.01950151	0.00902999	conserved	conserved
EPS15	1.93601211	1.04290342	monkey-NSC	conserved
EPS15L1	2.80227951	0.09626472	conserved	conserved
EPS8	2.08638378	0.43847008	monkey-NSC	conserved
EPS8L2	0.04222746	0.00875779	conserved	conserved
EPS8L3	0	0	conserved	conserved
EPSTI1	0.064147	0	conserved	conserved
EPX	0	0	conserved	conserved
EPYC	0.00666791	0	conserved	conserved
EQTN	0.02690048	0	conserved	conserved
ERAL1	0.17137397	0.0622655	conserved	conserved
ERAP1	0.10863854	0.01755956	conserved	conserved
ERAS	0.00103794	0	conserved	conserved
ERBB2	0.27260588	0.06089761	conserved	conserved
ERBB4	26.6079192	0.03507942	monkey-NSC	conserved
ERC1	4.22085781	0.25766734	monkey-NSC	conserved
ERC2	5.32664116	0.17956614	monkey-NSC	conserved
ERCC1	0.15068432	0.46938063	conserved	conserved
ERCC2	0.1297659	0.0634652	conserved	conserved

ERCC4	0.27164886	0.06896591	conserved	conserved
ERCC6	0.56595984	0.06726852	conserved	conserved
ERCC6L	0.05193787	0.00810792	conserved	conserved
ERCC8	0.47236951	0.1415649	conserved	conserved
EREG	0.0050167	0	conserved	conserved
ERG	0.04422692	0.00286524	conserved	conserved
ERGIC1	0.55734214	0.61502047	conserved	conserved
ERGIC2	0.50261177	0.86244909	conserved	conserved
ERGIC3	0.28679108	1.36921823	conserved	conserved
ERH	0.23856816	9.81167688	mouse-RGL	conserved
ERI1	0.13622752	0.25670976	conserved	conserved
ERI2	0.2560287	0.12011744	conserved	conserved
ERI3	3.72151536	1.09557147	conserved	conserved
ERICH1	0.47412314	0.16881116	conserved	conserved
ERICH6	0.03069951	0	conserved	conserved
ERICH6B	0.00706088	0	conserved	conserved
ERLEC1	1.19621735	0.40207825	conserved	conserved
ERLIN1	0.10412365	0.11947856	conserved	conserved
ERLIN2	0.1357498	0.25910483	conserved	conserved
ERMAP	0.09917953	0	conserved	conserved
ERMN	0.07097979	0.01452549	conserved	conserved
ERMP1	0.24114947	0.11361384	conserved	conserved
ERN1	0.20019339	0.04279427	conserved	conserved
ERN2	0.00800036	0	conserved	conserved
ERP27	0.00508327	0	conserved	conserved
ERP44	1.03280943	0.41557281	conserved	conserved
ERRFI1	0.21671177	0.08180541	conserved	conserved
ESAM	0.01661143	0.01380534	conserved	conserved
ESCO1	0.89881277	0.11845134	conserved	conserved
ESCO2	0.00107531	0.01364966	conserved	conserved
ESM1	0	0	conserved	conserved
ESPL1	0.0374909	0.00335512	conserved	conserved
ESR1	0.15310265	0.00539996	conserved	conserved
ESR2	0.09097864	0	conserved	conserved
ESRP1	0.03564689	0.004023	conserved	conserved
ESRP2	0.00104563	0	conserved	conserved
ESRRA	0.19715127	0.11841992	conserved	conserved
ESRRB	0.01213566	0	conserved	conserved
ESRRG	1.46391744	0.00280827	monkey-NSC	conserved
ESYT2	0.73021096	0.14632589	conserved	conserved
ESYT3	0.16029571	0.03079468	conserved	conserved

ETFA	0.79408104	1.17704324	conserved	conserved
ETFDH	0.52089001	0.32254337	conserved	conserved
ETNK1	0.54405487	0.64186755	conserved	conserved
ETNK2	0.06148433	0.02178398	conserved	conserved
ETNPPL	6.4910469	0	monkey-NSC1	monkey-NSC1-enriched
ETS1	0.05061242	0	conserved	conserved
ETS2	0.07155187	0.07985755	conserved	conserved
ETV1	0.78461959	0.26064911	conserved	conserved
ETV2	0.0062004	0	conserved	conserved
ETV3	0.11619554	0.09969396	conserved	conserved
ETV4	0.16489743	0.70865241	conserved	conserved
ETV5	0.52719563	0.43660185	conserved	conserved
ETV6	1.30347845	0.07899018	conserved	conserved
EVA1A	0.11278916	0.32302289	conserved	conserved
EVA1B	0.01476529	0.08883204	conserved	conserved
EVC	0.43394092	0.16247439	conserved	conserved
EVC2	0.50541568	0.05976346	conserved	conserved
EVI5	2.25097904	2.03116135	conserved	conserved
EVI5L	0.18626166	0.17526225	conserved	conserved
EVL	1.40360324	0.76153344	conserved	conserved
EVPL	0.00456251	0	conserved	conserved
EWSR1	1.36331001	1.91745908	conserved	conserved
EXD1	0.0753232	0.00571885	conserved	conserved
EXD2	0.2869707	0.15790519	conserved	conserved
EXO1	0.01611415	0.03494603	conserved	conserved
EXO5	0.01899963	0.11296973	conserved	conserved
EXOC1	1.51891778	0.22214843	conserved	conserved
EXOC2	1.96204762	0.10936777	conserved	conserved
EXOC3	0.24697036	0.37204082	conserved	conserved
EXOC3L4	0.0033277	0.00841196	conserved	conserved
EXOC5	0.67331506	0.39584907	conserved	conserved
EXOC6	0.98387705	0.0126364	conserved	conserved
EXOC7	0.73684213	0.20811224	conserved	conserved
EXOC8	0.0260909	0.2943935	conserved	conserved
EXOG	0.49781118	0.10766654	conserved	conserved
EXOSC10	0.25545772	0.22207956	conserved	conserved
EXOSC3	0.38866531	0.22402297	conserved	conserved
EXOSC5	0.05454462	0.68910076	conserved	conserved
EXOSC7	0.28222722	0.46847603	conserved	conserved
EXOSC8	0.09608281	0.31326987	conserved	conserved
EXOSC9	0.07589567	0.13003136	conserved	conserved

EXPH5	0.08360519	0	conserved	conserved
EXT1	7.50883229	0.20484082	monkey-NSC	conserved
EXT2	0.86405241	0.45101564	conserved	conserved
EXTL2	0.29855028	0.32159831	conserved	conserved
EXTL3	0.60158888	0.16635026	conserved	conserved
EYA1	1.14303392	0.45809566	conserved	conserved
EYA2	1.9466823	0.01132076	monkey-NSC	monkey-NSC1-enriched
EYA3	1.04805144	0.04182181	conserved	conserved
EYA4	0.1351225	0.01170998	conserved	conserved
EZH1	0.66987578	0.09135685	conserved	conserved
EZH2	0.05841806	0.96093995	mouse-RGL	conserved
EZR	1.18812481	1.49135552	conserved	conserved
F10	0.11634588	0	conserved	conserved
F11	0	0.0066255	conserved	conserved
F11R	0.02309937	0.0067783	conserved	conserved
F12	0.00939685	0	conserved	conserved
F13A1	0.10016495	0.00405856	conserved	conserved
F13B	0.00104037	0	conserved	conserved
F2	0.02551125	0.02328872	conserved	conserved
F2R	0.01491483	0.34958124	conserved	conserved
F2RL2	0.00271163	0	conserved	conserved
F5	0.01189487	0.00487407	conserved	conserved
F7	0.00497068	0	conserved	conserved
F8	0.38958861	0.01835478	conserved	conserved
F9	0.00077761	0	conserved	conserved
FRMPD2	0.09062959	0	conserved	conserved
FA2H	0.15783402	0	conserved	conserved
FAAP100	0.12479411	0.236721	conserved	conserved
FABP1	0.03098944	0	conserved	conserved
FABP12	0.00293354	0	conserved	conserved
FABP3	0.06973694	0.08723749	conserved	conserved
FABP4	0.0036997	0	conserved	conserved
FABP6	0.0027649	0	conserved	conserved
FADS1	2.26742655	1.25375207	monkey-NSC	conserved
FADS2	4.50352133	0.25964429	monkey-NSC	conserved
FADS3	0.50456788	0.04014076	conserved	conserved
FAF1	4.47705734	0.20590419	conserved	conserved
FAF2	0.89652966	0.34158308	conserved	conserved
FAHD1	0.0451853	0.39533413	conserved	conserved
FAIM2	1.4821371	0.07286835	conserved	conserved
FAM102B	0.26495957	0.11067702	conserved	conserved

FAM107A	3.3540933	0.79579233	monkey-NSC	conserved
FAM107B	0.18486328	0.20916542	conserved	conserved
FAM110A	0.00344332	0.06657264	conserved	conserved
FAM110B	0.0007358	0.46766589	conserved	conserved
FAM114A1	0.11275413	0.08354071	conserved	conserved
FAM114A2	0.2412007	0.5337104	conserved	conserved
FAM117B	0.67719347	0.18357792	conserved	conserved
FAM118A	0.19496981	0.15982199	conserved	conserved
FAM118B	0.30494405	0.27615242	conserved	conserved
FAM120A	2.74301059	0.90430282	conserved	conserved
FAM120B	1.66180562	0.17127411	conserved	conserved
FAM120C	0.63378683	0.03221424	conserved	conserved
FAM124A	0.252208	0.30793106	conserved	conserved
FAM124B	0.00251339	0	conserved	conserved
FAM126A	0.31891437	0.35678545	conserved	conserved
FAM126B	1.11693894	0.27338474	conserved	conserved
FAM131A	0.091808	0.16834638	conserved	conserved
FAM131B	0.04468093	0.02815385	conserved	conserved
FAM135A	2.04898685	0.2866464	conserved	conserved
FAM135B	1.04204256	0	conserved	conserved
FAM13A	3.23994963	0.10889338	conserved	conserved
FAM13B	1.04483418	0.0618307	conserved	conserved
FAM13C	0.5852952	0.47803927	conserved	conserved
FAM149A	0.15750957	0.20503297	conserved	conserved
FAM151A	0.25045321	0	conserved	conserved
FAM151B	0.25061025	0.0029555	conserved	conserved
FAM155A	8.60808836	0.04622559	conserved	conserved
FAM160A1	0.01926949	0	conserved	conserved
FAM160B1	0.46107772	0.15174311	conserved	conserved
FAM160B2	0.16011523	0.13514011	conserved	conserved
FAM161A	0.26248422	0.02488226	conserved	conserved
FAM162A	0.3454573	1.71033686	mouse-RGL	conserved
FAM163A	0.00783212	0.04599276	conserved	conserved
FAM163B	0.07780229	0.06075148	conserved	conserved
FAM166B	0.00855471	0.01510819	conserved	conserved
FAM167A	0.07801772	0.44601526	conserved	conserved
FAM167B	0.00128903	0	conserved	conserved
FAM168A	1.17066153	1.0767147	conserved	conserved
FAM169A	0.78740116	0.02792693	conserved	conserved
FAM171A1	4.1983353	0.10393502	monkey-NSC	conserved
FAM171B	3.88715092	1.41182956	conserved	conserved

FAM172A	4.13471616	0.93759831	conserved	conserved
FAM174A	0.1878496	1.20873039	conserved	conserved
FAM178B	0.07384749	0	conserved	conserved
FAM181A	0.002997	0.25334675	conserved	conserved
FAM184A	2.64462851	0.15802524	monkey-NSC	conserved
FAM184B	0.5587348	0.07310498	conserved	conserved
FAM185A	0.58375442	0.07645255	conserved	conserved
FAM186B	0.00802286	0	conserved	conserved
FAM187B	0.00338064	0.00772837	conserved	conserved
FAM189A1	0.72962284	0.01533031	conserved	conserved
FAM189A2	1.99132622	0.10411941	monkey-NSC	conserved
FAM193A	2.09343718	0.41805615	conserved	conserved
FAM199X	0.54764858	0.15556746	conserved	conserved
FAM204A	0.49867586	1.32869196	conserved	conserved
FAM205C	0.00236974	0	conserved	conserved
FAM207A	0.46798473	0.23846113	conserved	conserved
FAM20B	0.20336642	0.14804428	conserved	conserved
FAM210B	0.12143459	2.38635176	mouse-RGL	conserved
FAM214A	1.82322937	0.19110959	conserved	conserved
FAM214B	0.16995776	0.21756205	conserved	conserved
FAM216A	0.19908647	0.81622253	conserved	conserved
FAM216B	0.00281747	0.01326158	conserved	conserved
FAM217A	0.01964404	0.00396712	conserved	conserved
FAM217B	0.04680179	0.04011629	conserved	conserved
FAM219A	0.97911887	0.11211487	conserved	conserved
FAM221B	0.03250005	0.00305138	conserved	conserved
FAM222B	1.83189423	0.23119691	conserved	conserved
FAM227A	0.15932371	0.06412148	conserved	conserved
FAM227B	0.93906887	0	conserved	conserved
FAM228A	0.14396227	0.01298255	conserved	conserved
FAM234B	0.04192234	0.24826187	conserved	conserved
FAM32A	0.07972388	2.20150884	conserved	conserved
FAM3A	0.24803893	0.31402464	conserved	conserved
FAM3C	0.37378653	1.33743373	conserved	conserved
FAM50A	0.09026255	0.35008766	conserved	conserved
FAM53A	0.12849842	0.43346979	conserved	conserved
FAM53B	0.4261005	0.40230315	conserved	conserved
FAM53C	0.32038539	0.27975743	conserved	conserved
FAM71B	0.00121969	0	conserved	conserved
FAM71D	0.03779376	0.00206283	conserved	conserved
FAM71F1	0.00048899	0	conserved	conserved

FAM76A	0.34111124	0.51423415	conserved	conserved
FAM76B	0.2782448	0.2850937	conserved	conserved
FAM78A	0.01596292	0	conserved	conserved
FAM81A	0.69734727	0.06909291	conserved	conserved
FAM83C	0	0	conserved	conserved
FAM83F	0	0	conserved	conserved
FAM83G	0.00283467	0	conserved	conserved
FAM89A	0.48578167	0.02187918	conserved	conserved
FAM89B	0.05559483	0.04131198	conserved	conserved
FAM8A1	0.15538814	0.38544138	conserved	conserved
FAM98A	0.1499543	0.26351528	conserved	conserved
FAM98B	0.13400224	0.38061817	conserved	conserved
FAM98C	0.0237699	0.28616989	conserved	conserved
FAN1	0.61492102	0.03146333	conserved	conserved
FANCB	0.0109451	0.00280582	conserved	conserved
FANCC	3.96973074	0.05970155	monkey-NSC	conserved
FANCD2OS	0	0	conserved	conserved
FANCE	0.11653051	0.14744635	conserved	conserved
FANCI	0.13854521	0.00810238	conserved	conserved
FANCL	0.44179769	0.14300999	conserved	conserved
FANCM	1.0679746	0.05361451	conserved	conserved
FANK1	0.39338776	0.02889529	conserved	conserved
FAP	0.01129667	0	conserved	conserved
FAR1	0.94971772	0.3632434	conserved	conserved
FAR2	0.18236934	0	conserved	conserved
FARP1	9.3584961	0.32603997	monkey-NSC	conserved
FARP2	1.06756984	0.20909235	monkey-NSC	conserved
FARS2	4.88453645	1.07842813	conserved	conserved
FARSA	0.26992894	0.44330262	conserved	conserved
FARSB	0.28492279	0.31718884	conserved	conserved
FASTK	0.03960569	0.42422191	conserved	conserved
FASTKD2	0.42753261	0.10097576	conserved	conserved
FASTKD3	0.02924391	0.05728609	conserved	conserved
FAT1	0.95964568	0.51991618	conserved	conserved
FAT2	0.02000973	0.0155738	conserved	conserved
FAT4	0.67508838	0.1311083	conserved	conserved
FAXC	0.32996026	0.01281127	conserved	conserved
FBF1	0.30929136	0.17440014	conserved	conserved
FBL	0.05850927	1.18190685	mouse-RGL	conserved
FBLIM1	0.29108004	0	conserved	conserved
FBLL1	0.01152623	0.01240968	conserved	conserved

FBLN1	1.28331346	0.06299109	conserved	conserved
FBLN2	0.03400196	0.73200413	mouse-RGL	conserved
FBLN5	0.08348808	0.03120012	conserved	conserved
FBN1	1.23290226	0.04777922	conserved	conserved
FBN2	0.11238704	0.0062675	conserved	conserved
FBRS	0.17310466	0.10780201	conserved	conserved
FBXL12	0.09556859	0.15179152	conserved	conserved
FBXL13	1.85196769	0.00896705	conserved	conserved
FBXL14	0.26939588	0.10994407	conserved	conserved
FBXL16	0.22100661	0.14272548	conserved	conserved
FBXL17	7.09255869	0.10559836	monkey-NSC	conserved
FBXL19	0.29223876	0.14274983	conserved	conserved
FBXL2	0.4020368	0.08163565	conserved	conserved
FBXL20	2.60514801	0.15827451	conserved	conserved
FBXL22	0.00279713	0.01571363	conserved	conserved
FBXL3	0.48285833	0.4333657	conserved	conserved
FBXL4	0.5885676	0.09710764	conserved	conserved
FBXL5	1.88698823	0.54735832	conserved	conserved
FBXL6	0.13116665	0.26338488	conserved	conserved
FBXL7	12.1334933	0.00290605	monkey-NSC	monkey-NSC1-enriched
FBXO10	0.86530896	0.05087758	conserved	conserved
FBXO11	3.06196175	0.70891128	conserved	conserved
FBXO15	0.10297457	0	conserved	conserved
FBXO2	0.08350213	1.03393721	conserved	conserved
FBXO21	1.39219495	0.42040616	conserved	conserved
FBXO24	0.01457668	0.00602002	conserved	conserved
FBXO25	0.36722675	0.18804369	conserved	conserved
FBXO28	0.87452747	0.29971773	conserved	conserved
FBXO3	0.51162481	0.58255162	conserved	conserved
FBXO30	0.10356453	0.22009479	conserved	conserved
FBXO31	0.38076007	0.20977754	conserved	conserved
FBXO32	0.20920813	0.03592411	conserved	conserved
FBXO34	0.61629241	0.10300881	conserved	conserved
FBXO36	0.65203728	0.15085918	conserved	conserved
FBXO38	0.60243026	0.13867923	conserved	conserved
FBXO39	0.00354034	0	conserved	conserved
FBXO40	0.02347154	0	conserved	conserved
FBXO41	0.0919918	0.05566779	conserved	conserved
FBXO42	1.47201557	0.07934549	conserved	conserved
FBXO45	0.0762424	0.22683727	conserved	conserved
FBXO46	0.14615893	0.08775312	conserved	conserved

FBXO47	0.03057095	0.00462521	conserved	conserved
FBXO48	0.00401475	0	conserved	conserved
FBXO5	0.02752748	0.10014366	conserved	conserved
FBXO6	0.0272472	0.32208288	conserved	conserved
FBXO7	0.60286008	0.09986092	conserved	conserved
FBXO8	0.52484178	0.39414452	conserved	conserved
FBXW11	2.50038329	0.334669	conserved	conserved
FBXW2	0.35594939	0.90157059	conserved	conserved
FBXW7	2.09008716	0.51489356	conserved	conserved
FBXW8	0.98688475	0.30619622	conserved	conserved
FCAMR	0.0042759	0	conserved	conserved
FCER1A	0	0	conserved	conserved
FCER1G	0.00367847	0.01211315	conserved	conserved
FCHO1	0.10019663	0.12682764	conserved	conserved
FCHO2	0.83889879	0.36470387	conserved	conserved
FCHSD1	0.00380788	0.02568623	conserved	conserved
FCHSD2	3.50102545	0.50658741	conserved	conserved
FCMR	0.00101422	0	conserved	conserved
FCRL1	0.00107568	0	conserved	conserved
FCRL5	0	0	conserved	conserved
FDFT1	0.62926216	0.8857744	conserved	conserved
FECH	0.25380187	0.33042303	conserved	conserved
FEM1B	0.30126	0.47614001	conserved	conserved
FEM1C	0.38278077	0.2096301	conserved	conserved
FEN1	0.00217063	0.1996204	conserved	conserved
FER	4.05615719	0.10711901	conserved	conserved
FER1L6	0.00413605	0	conserved	conserved
FERMT1	0.03430869	0	conserved	conserved
FERMT2	3.50863814	0.8991468	conserved	conserved
FERMT3	0.01839331	0.00607442	conserved	conserved
FES	0.07761956	0.00273944	conserved	conserved
FETUB	0	0	conserved	conserved
FEZ1	1.03254412	5.58488776	mouse-RGL	conserved
FEZ2	0.59899356	0.20157316	conserved	conserved
FEZF1	0	0	conserved	conserved
FEZF2	0.34498578	1.8952426	mouse-RGL	conserved
FFAR1	0	0	conserved	conserved
FFAR2	0	0	conserved	conserved
FFAR4	0.02199385	0	conserved	conserved
FGB	0	0	conserved	conserved
FGD1	0.38086694	0.18309529	conserved	conserved

Gene	Value 1	Value 2	Category 1	Category 2
FGD2	0.01645319	0.00359301	conserved	conserved
FGD3	0.07367687	0.00338606	conserved	conserved
FGD4	7.36975189	0.59546754	monkey-NSC	conserved
FGD5	0.02170974	0.01164433	conserved	conserved
FGD6	3.88754079	0.23162841	monkey-NSC	conserved
FGF10	0.06183664	0.00620692	conserved	conserved
FGF11	0.02932599	0.04868733	conserved	conserved
FGF12	3.73416458	0.19517133	conserved	conserved
FGF14	8.25339642	0.01864039	monkey-NSC	conserved
FGF16	0	0	conserved	conserved
FGF18	0.00669633	0.00744509	conserved	conserved
FGF2	1.17387882	0.21058663	conserved	conserved
FGF21	0	0	conserved	conserved
FGF7	0.09171086	0.00583624	conserved	conserved
FGF8	0	0.01481766	conserved	conserved
FGF9	0.04595408	0	conserved	conserved
FGFR1	8.155618	1.55450942	monkey-NSC	conserved
FGFR1OP2	0.51622379	0.64391391	conserved	conserved
FGFR2	5.99451842	0.43372356	conserved	conserved
FGFR3	1.82838545	0.9654434	monkey-NSC	conserved
FGG	0	0	conserved	conserved
FGGY	0.9119365	0.07200434	conserved	conserved
FGL1	0.06255432	0	conserved	conserved
FGL2	0.00316371	0.02970757	conserved	conserved
FGR	0.01703941	0	conserved	conserved
FHDC1	0.01051673	0.00623187	conserved	conserved
FHIT	3.70764599	0.03064399	monkey-NSC	monkey-NSC1-enriched
FHL1	0.6024892	0.54920795	conserved	conserved
FHL3	0.05790173	0.00613153	conserved	conserved
FHL5	0.00981169	0	conserved	conserved
FHOD1	0.22787486	0.03482283	conserved	conserved
FHOD3	1.64758433	0.03997195	conserved	conserved
FIBCD1	0.02731698	0.01906364	conserved	conserved
FIBP	0.01164324	0.54502663	conserved	conserved
FIG4	0.4289846	0.1232811	conserved	conserved
FIGLA	0	0	conserved	conserved
FIGN	0.62267301	0.00093514	conserved	conserved
FILIP1	0.24190014	0.01915362	conserved	conserved
FILIP1L	0.30916008	0.00445219	conserved	conserved
FITM1	0.00260203	0	conserved	conserved
FITM2	0.02712053	0.08978123	conserved	conserved

FKBP10	0.12110714	0.35958056	conserved	conserved
FKBP14	0.24729628	0.18869109	conserved	conserved
FKBP15	0.4885965	0.12017579	conserved	conserved
FKBP1B	0.05424441	0.1025252	conserved	conserved
FKBP4	0.15969057	1.68045339	mouse-RGL	conserved
FKBP5	3.44619714	0.05848271	monkey-NSC	conserved
FKBP6	0.01829097	0	conserved	conserved
FKBP7	0.03848447	0.04894136	conserved	conserved
FKBP8	0.36069092	1.9727852	mouse-RGL	conserved
FKBP9	0.25590372	0.55365435	conserved	conserved
FKBPL	0.01378201	0.13448701	conserved	conserved
FLAD1	0.31292121	0.13654469	conserved	conserved
FLI1	0.04770089	0	conserved	conserved
FLII	0.14385452	0.12802611	conserved	conserved
FLNA	0.08766421	0.28650321	conserved	conserved
FLNB	0.52702782	0.09415063	conserved	conserved
FLOT1	0.4851137	0.37448619	conserved	conserved
FLRT1	0.12114298	0.04441121	conserved	conserved
FLRT2	1.23239786	0.11585731	monkey-NSC	conserved
FLRT3	0.19519234	0.13527992	conserved	conserved
FLT1	0.04900558	0.0042309	conserved	conserved
FLT3	0.19687646	0	conserved	conserved
FLT4	0	0	conserved	conserved
FLYWCH1	1.17500026	0.43410005	conserved	conserved
FLYWCH2	0.2050881	0.49135431	conserved	conserved
FMN1	0.1550491	0	conserved	conserved
FMNL1	0.04704719	0.01671208	conserved	conserved
FMNL2	13.6347852	0.35669335	monkey-NSC	conserved
FMNL3	0.32721378	0.04480024	conserved	conserved
FMO1	0	0.30363302	conserved	conserved
FMO2	0	0	conserved	conserved
FMO3	0.00110751	0	conserved	conserved
FMO4	0.04541668	0	conserved	conserved
FMO5	0.12271364	0.04553069	conserved	conserved
FMOD	0.00197005	0.01260208	conserved	conserved
FMR1	0.45664026	0.50671123	conserved	conserved
FMR1NB	0.00879708	0	conserved	conserved
FN1	0.19073262	0.0805219	conserved	conserved
FNBP1	10.765848	0.45378735	conserved	conserved
FNBP1L	2.14656993	0.36575887	conserved	conserved
FNDC1	0.00673653	0	conserved	conserved

FNDC3A	1.57918686	0.51862466	conserved	conserved
FNDC3B	4.10327791	0.29793983	monkey-NSC	conserved
FNDC4	0.05312175	0.87331436	conserved	conserved
FNDC7	0.00442769	0	conserved	conserved
FNDC8	0	0	conserved	conserved
FNIP2	0.90814087	0.06971115	conserved	conserved
FOCAD	2.43578361	0.16024592	monkey-NSC	conserved
FOLH1	2.90495015	0.06295206	monkey-NSC	conserved
FOLR1	0.00110045	0.01109802	conserved	conserved
FOLR2	0.02246554	0	conserved	conserved
FOS	0.06972546	15.1574132	mouse-RGL	conserved
FOSB	0.00226592	0.67560308	conserved	conserved
FOSL1	0.01256885	0	conserved	conserved
FOSL2	0.06849098	0.03184905	conserved	conserved
FOXA2	0	0	conserved	conserved
FOXA3	0.00306746	0	conserved	conserved
FOXF2	0.0131951	0	conserved	conserved
FOXG1	0.03716307	1.78620447	conserved	conserved
FOXH1	0.01179793	0	conserved	conserved
FOXI3	0	0	conserved	conserved
FOXJ2	0.37014551	0.09782499	conserved	conserved
FOXJ3	1.85810634	0.21111836	conserved	conserved
FOXK1	1.04992563	0.11340265	conserved	conserved
FOXK2	0.56213057	0.21036932	conserved	conserved
FOXM1	0.00977464	0.03679338	conserved	conserved
FOXN1	0	0	conserved	conserved
FOXN2	1.15635502	0.21507894	conserved	conserved
FOXN3	6.69506159	0.46354801	conserved	conserved
FOXN4	0.00698509	0	conserved	conserved
FOXO1	6.27203269	1.04589268	conserved	conserved
FOXO3	3.01828294	0.34749862	conserved	conserved
FOXO4	0.03612823	0.07232908	conserved	conserved
FOXO6	0.0157845	0.08595023	conserved	conserved
FOXP2	0.14524209	0.02249054	conserved	conserved
FOXP3	0.03016824	0	conserved	conserved
FOXP4	0.10601848	0.05126474	conserved	conserved
FOXRED1	0.46658265	0.1303833	conserved	conserved
FOXRED2	0.08796981	0.11025234	conserved	conserved
FPGS	0.4163252	0.10918324	conserved	conserved
FRA10AC1	0.22639744	0.21221543	conserved	conserved
FREM1	1.1414076	0.04343646	conserved	conserved

FREM2	0.05717924	0.12506854	conserved	conserved
FREM3	0.01121342	0	conserved	conserved
FRK	0.00834644	0	conserved	conserved
FRMD3	0.19505345	0.08302276	conserved	conserved
FRMD4B	1.02872536	0.16948594	conserved	conserved
FRMD6	0.40728348	0.08616075	conserved	conserved
FRMD7	0.00133043	0	conserved	conserved
FRMPD1	0.12233051	0.02655471	conserved	conserved
FRMPD4	2.93592736	0.00235325	monkey-NSC	conserved
FRRS1	0.07510531	0.06069051	conserved	conserved
FRRS1L	0.54874549	0.42989745	conserved	conserved
FRS2	0.57745271	0.11802399	conserved	conserved
FRS3	0.08999328	0.06709526	conserved	conserved
FRY	1.29195146	0.23505894	conserved	conserved
FRYL	1.69514765	0.42251268	conserved	conserved
FRZB	0.18465533	1.76693368	mouse-RGL	conserved
FSCB	0	0	conserved	conserved
FSCN1	0.13227338	0.72397853	conserved	conserved
FSCN2	0.00245064	0.00650059	conserved	conserved
FSCN3	0.00423556	0	conserved	conserved
FSD1	0.086674	0.31232639	conserved	conserved
FSD1L	0.59898874	0.30172527	conserved	conserved
FSD2	0.17476515	0.00973963	conserved	conserved
FSHB	0	0	conserved	conserved
FSHR	0.00508644	0	conserved	conserved
FSIP1	0.05517609	0.00752122	conserved	conserved
FSIP2	0.12565584	0	conserved	conserved
FST	0.00643994	0.01408214	conserved	conserved
FSTL1	0.62397473	0.86728024	conserved	conserved
FSTL5	1.5707276	0.43030893	conserved	conserved
FTCD	0.00414873	0	conserved	conserved
FTO	7.93214697	0.75792901	conserved	conserved
FTSJ1	0.0616372	0.22255529	conserved	conserved
FTSJ3	0.03631324	0.27742008	conserved	conserved
FUBP1	0.87104705	2.3600747	mouse-RGL	conserved
FUBP3	0.48470414	0.57464751	conserved	conserved
FUCA1	0.1849482	0.85017077	conserved	conserved
FUCA2	0.05376673	0.12799924	conserved	conserved
FUOM	0.05939772	0.20163201	conserved	conserved
FURIN	0.1329578	0.19714237	conserved	conserved
FUT1	0.00062106	0	conserved	conserved

Gene	Value 1	Value 2	Category 1	Category 2
FUT10	2.6620615	0.07685131	monkey-NSC	conserved
FUT11	0.01527548	0.07976129	conserved	conserved
FUT7	0	0	conserved	conserved
FUT8	3.71404769	0.27551307	conserved	conserved
FUT9	5.35799129	1.77456573	monkey-NSC	conserved
FUZ	0.06625264	0.43905992	conserved	conserved
FXN	0.42571692	0.91507896	conserved	conserved
FXR1	0.99411713	0.47251031	conserved	conserved
FXR2	0.27911728	0.2110829	conserved	conserved
FYCO1	0.2176139	0.2032376	conserved	conserved
FYN	5.27692014	1.00154164	conserved	conserved
FYTTD1	0.44630759	0.63912997	conserved	conserved
FZD2	0.01380753	0.25629125	conserved	conserved
FZD3	0.89832023	0.2311844	conserved	conserved
FZD4	0.15546816	0.00969957	conserved	conserved
FZD6	0.27727151	0.1314847	conserved	conserved
FZR1	0.13399051	0.42840197	conserved	conserved
G0S2	0.00382017	0.15875836	conserved	conserved
G2E3	0.42467037	0.17060275	conserved	conserved
G3BP1	0.73729234	1.48400913	conserved	conserved
G3BP2	0.20466381	1.28311535	mouse-RGL	conserved
GAA	0.16997042	0.45629592	conserved	conserved
GAB1	2.24491274	0.45941646	conserved	conserved
GAB2	2.18189856	0.05510522	conserved	conserved
GABARAPL1	0.3014562	1.11160683	conserved	conserved
GABARAPL2	0.21085517	2.59514335	mouse-RGL	conserved
GABBR1	10.3796014	2.99564962	conserved	conserved
GABBR2	1.30498068	0.05705051	conserved	conserved
GABPA	0.4079409	0.29446183	conserved	conserved
GABPB1	0.62051166	0.19262606	conserved	conserved
GABRA1	0.4112915	0.01581255	conserved	conserved
GABRA2	5.68025505	0.38547252	monkey-NSC	conserved
GABRA4	0.25863592	0.64591326	conserved	conserved
GABRA5	0.4125895	0.07799629	conserved	conserved
GABRA6	0.04078819	0	conserved	conserved
GABRB2	1.65232111	0.00573816	conserved	conserved
GABRB3	2.65780811	0.10311638	conserved	conserved
GABRG1	2.34675279	0.09170315	monkey-NSC	conserved
GABRG2	0.8293941	0.0358647	conserved	conserved
GABRG3	0.86927352	0.12038013	monkey-NSC	conserved
GABRP	0	0	conserved	conserved

GABRR1	0.00431814	0	conserved	conserved
GABRR3	0.00192946	0	conserved	conserved
GAD1	0.26279635	0.05378142	conserved	conserved
GAD2	0.16137645	0.05688516	conserved	conserved
GADD45A	0.01603577	0.11956135	conserved	conserved
GADD45B	0.10435099	0.10414772	conserved	conserved
GADD45GIP1	0.09843875	0.83925266	conserved	conserved
GADL1	0.01067875	0.01814897	conserved	conserved
GAK	0.6848042	0.15378126	conserved	conserved
GAL3ST4	0.06189664	0	conserved	conserved
GALC	0.56487369	0.19743489	conserved	conserved
GALE	0.12797116	0.06510543	conserved	conserved
GALK1	0.02639863	0.44643817	conserved	conserved
GALK2	1.25895671	0.16026286	conserved	conserved
GALM	0.51176033	0.02025928	conserved	conserved
GALNS	0.14631448	0.02895475	conserved	conserved
GALNT1	1.03033366	0.59466038	conserved	conserved
GALNT10	0.62248985	0.01477031	conserved	conserved
GALNT11	0.31869841	0.38694696	conserved	conserved
GALNT12	0.07064015	0	conserved	conserved
GALNT14	0.11301197	0.07771057	conserved	conserved
GALNT15	0.03232202	0.21895453	conserved	conserved
GALNT16	3.24433438	0.60163679	monkey-NSC	conserved
GALNT18	9.06351716	0.04486144	monkey-NSC	conserved
GALNT3	0.1599464	0.01858901	conserved	conserved
GALNT5	0.01280806	0	conserved	conserved
GALNT6	0.04201868	0	conserved	conserved
GALNT7	0.56009789	0.11683295	conserved	conserved
GALNT9	0.05557737	0.04795291	conserved	conserved
GALNTL5	0.0946614	0	conserved	conserved
GALNTL6	1.49205674	0.01973606	conserved	conserved
GAMT	0.04620695	0.49928266	conserved	conserved
GAN	1.26140825	0.29577177	conserved	conserved
GANAB	0.54117397	0.57619394	conserved	conserved
GAP43	0.34986495	0.50574525	conserved	conserved
GAPDHS	0.05597069	0.00415835	conserved	conserved
GAPVD1	1.36069911	0.71546881	conserved	conserved
GAR1	0.0537327	0.71585286	mouse-RGL	conserved
GARNL3	1.46397052	0.1197027	conserved	conserved
GART	0.21563567	0.28512722	conserved	conserved
GAS2	0.20378205	0.12379646	conserved	conserved

GAS2L1	0.26509977	0.18936585	conserved	conserved
GAS2L2	0.00294977	0	conserved	conserved
GAS6	0.04681562	0.61227695	conserved	conserved
GAS7	0.51294368	0.2427183	conserved	conserved
GAS8	0.3878335	0.14011935	conserved	conserved
GATA1	0	0	conserved	conserved
GATA2	0	0.00274003	conserved	conserved
GATA3	0.00358143	0	conserved	conserved
GATA4	0.03880665	0	conserved	conserved
GATA5	0.00942777	0	conserved	conserved
GATAD1	0.37130359	0.57241033	conserved	conserved
GATAD2B	0.23558647	1.11556286	conserved	conserved
GATB	0.55670432	0.04329003	conserved	conserved
GATM	0.554245	0.23457048	conserved	conserved
GBA	0.04596525	0.14845907	conserved	conserved
GBA2	0.39304211	0.09488181	conserved	conserved
GBE1	0.93727327	0.19944537	conserved	conserved
GBF1	2.19416493	0.25937759	conserved	conserved
GBX1	0.00474776	0	conserved	conserved
GC	0	0	conserved	conserved
GCA	0.08800566	0.22160853	conserved	conserved
GCC2	0.96901778	0.34987207	conserved	conserved
GCDH	0.0896734	0.26429325	conserved	conserved
GCFC2	0.51333114	0.12236707	conserved	conserved
GCH1	0.06529153	0.01194646	conserved	conserved
GCHFR	0.00858791	0.03704532	conserved	conserved
GCK	0.0819168	0.01454494	conserved	conserved
GCKR	0.00950119	0	conserved	conserved
GCLM	0.21833957	0.63809161	conserved	conserved
GCM2	0	0	conserved	conserved
GCNT1	0.01604712	0	conserved	conserved
GCNT2	0.07031544	0.01864817	conserved	conserved
GCNT3	0.00266093	0	conserved	conserved
GCNT4	0.02096232	0.0169494	conserved	conserved
GCSAM	0	0	conserved	conserved
GDA	0.29369842	0.04040621	conserved	conserved
GDAP1	0.19532118	0.0924245	conserved	conserved
GDAP1L1	0.16897958	0.09673271	conserved	conserved
GDAP2	0.38272224	0.08997792	conserved	conserved
GDE1	0.13937394	1.4225002	conserved	conserved
GDF10	0.01126481	1.47487456	mouse-RGL	conserved

GDF2	0.00085935	0	conserved	conserved
GDF6	0	0	conserved	conserved
GDI1	0.60690081	1.03764318	conserved	conserved
GDI2	0.96098259	2.61251304	conserved	conserved
GDNF	0.00934821	0	conserved	conserved
GDPD1	1.73952041	0.35594369	conserved	conserved
GDPD2	0.21191814	0.40110873	conserved	conserved
GDPD3	0.01322809	0.22753093	conserved	conserved
GDPD4	0.0109772	0	conserved	conserved
GDPD5	0.05298229	0.06695523	conserved	conserved
GEMIN4	0.03423553	0.00897106	conserved	conserved
GEMIN5	0.19865901	0.12822088	conserved	conserved
GEMIN8	0.09289295	0.19347678	conserved	conserved
GEN1	0.10142249	0	conserved	conserved
GET4	0.65209702	0.48726326	conserved	conserved
GFAP	3.93229894	4.72603238	conserved	conserved
GFER	0.01961316	0.53369509	conserved	conserved
GFI1	0.00077393	0	conserved	conserved
GFI1B	0	0	conserved	conserved
GFM1	0.31879855	0.10092015	conserved	conserved
GFM2	0.43605028	0.12808258	conserved	conserved
GFOD1	1.06353367	0.00896824	conserved	conserved
GFPT1	0.30426935	0.36536905	conserved	conserved
GFPT2	0.1398644	0.02446265	conserved	conserved
GFRA1	0.10725049	0.05398217	conserved	conserved
GFRA2	0.11253096	0.03602063	conserved	conserved
GFRA3	0.00910597	0	conserved	conserved
GFRA4	0.00378798	0.0997295	conserved	conserved
GGA1	0.25066846	0.26868529	conserved	conserved
GGA2	0.82925161	0.11360238	conserved	conserved
GGA3	0.2392191	0.05659378	conserved	conserved
GGCX	0.2171398	0.0736359	conserved	conserved
GGPS1	0.30297794	0.1567009	conserved	conserved
GGT7	1.08405758	0.11526324	conserved	conserved
GHDC	0.08372194	0.12845304	conserved	conserved
GHITM	0.34820939	0.88320833	conserved	conserved
GHR	1.53190324	0.09225409	monkey-NSC	conserved
GHRH	0.00416156	0	conserved	conserved
GHRHR	0	0	conserved	conserved
GHRL	0.00631651	0	conserved	conserved
GHSR	0.00259618	0	conserved	conserved

GID4	0.16845101	0.29864343	conserved	conserved
GID8	0.01997731	0.36228547	conserved	conserved
GIGYF1	0.16811225	0.29069982	conserved	conserved
GIGYF2	3.08314508	0.64035461	conserved	conserved
GIMAP4	0.00364298	0	conserved	conserved
GIMAP6	0	0.00405856	conserved	conserved
GIMAP7	0.0023692	0	conserved	conserved
GIMAP8	0.00439813	0.00286524	conserved	conserved
GIMD1	0.00035398	0	conserved	conserved
GIN1	0.18530579	0.29251136	conserved	conserved
GINM1	0.56856369	0.51595385	conserved	conserved
GINS1	0.4205192	0.22069784	conserved	conserved
GINS4	0.04158073	0.33564882	conserved	conserved
GIPC1	0.15256062	0.95424142	conserved	conserved
GIPC2	0.0313309	0	conserved	conserved
GIPR	0.01030201	0	conserved	conserved
GIT1	0.32699983	0.17264347	conserved	conserved
GIT2	1.00777239	0.4529369	conserved	conserved
GJA10	0.00362335	0	conserved	conserved
GJA5	0.00097568	0	conserved	conserved
GJA8	0.00057861	0	conserved	conserved
GJB2	0	0.02205368	conserved	conserved
GJB4	0	0.00945804	conserved	conserved
GJB5	0	0	conserved	conserved
GJB6	0.28091728	0.15205812	conserved	conserved
GJC3	0.00320641	0.00750818	conserved	conserved
GJD2	0.00073302	0.00550179	conserved	conserved
GK2	0.00097415	0	conserved	conserved
GK5	0.28233098	0.0507471	conserved	conserved
GKAP1	1.41998101	0.58376199	conserved	conserved
GKN2	0	0	conserved	conserved
GLA	0.03231519	0.01857387	conserved	conserved
GLB1L	0.10526009	0.04710501	conserved	conserved
GLB1L2	0.0222986	0.05760567	conserved	conserved
GLB1L3	0	0	conserved	conserved
GLCCI1	2.29434622	0.03728837	monkey-NSC	conserved
GLCE	0.19561063	0.10359089	conserved	conserved
GLDC	0.68333665	0.98902533	conserved	conserved
GLDN	0.1934198	0.00901753	conserved	conserved
GLE1	0.82312959	0.39789956	conserved	conserved
GLG1	3.51200321	0.62800783	conserved	conserved

GLI1	0.03361053	0.18925984	conserved	conserved
GLI2	1.27655696	0.20013805	monkey-NSC	conserved
GLIPR2	0.32707198	0.07133796	conserved	conserved
GLIS1	0.24955203	0	conserved	conserved
GLIS2	0.06584897	0.09285134	conserved	conserved
GLMN	0.68323912	0.35799484	conserved	conserved
GLO1	0.65000806	3.59118366	mouse-RGL	conserved
GLOD4	0.12498001	0.32828678	conserved	conserved
GLOD5	0.00106608	0	conserved	conserved
GLP1R	0.00204513	0	conserved	conserved
GLP2R	0.00843383	0	conserved	conserved
GLRA1	0.02453378	0.00403943	conserved	conserved
GLRA2	0.39710494	0.03072389	conserved	conserved
GLRA3	0.33103221	0	conserved	conserved
GLRB	0.58387365	0.17992444	conserved	conserved
GLRX	0.09548371	0.19174008	conserved	conserved
GLRX3	0.6363839	1.31383523	conserved	conserved
GLS	1.76757363	0.28757971	conserved	conserved
GLT6D1	0.00173501	0	conserved	conserved
GLT8D1	0.34909575	0.40850823	conserved	conserved
GLT8D2	0.12662764	0	conserved	conserved
GLUL	2.6939335	3.62897722	monkey-NSC	conserved
GLYAT	0.01375005	0	conserved	conserved
GLYATL3	0.00248441	0	conserved	conserved
GLYCTK	0.0272109	0.00578072	conserved	conserved
GLYR1	0.7507481	0.62805963	conserved	conserved
GM2A	0.05402097	1.73241328	conserved	conserved
GMDS	2.43486986	0.0956309	monkey-NSC	conserved
GMEB1	0.16134737	0.15568654	conserved	conserved
GMEB2	0.26647767	0.02064011	conserved	conserved
GMFB	0.21907224	0.51462776	conserved	conserved
GMIP	0.05466151	0.05401858	conserved	conserved
GMNC	0.00359662	0.00717597	conserved	conserved
GMNN	0.12295993	0.21140737	conserved	conserved
GMPPA	0.0444014	0.19533068	conserved	conserved
GMPR	0.41837837	0.35930007	conserved	conserved
GMPR2	0.22558426	0.22695532	conserved	conserved
GMPS	0.90685781	0.51437761	conserved	conserved
GNA12	2.60081304	0.48076484	conserved	conserved
GNA13	1.34647009	0.81715525	conserved	conserved
GNA14	1.18426885	0.04725906	monkey-NSC	monkey-NSC1-enriched

GNAI1	0.22508581	0.64651536	conserved	conserved
GNAI2	0.55031227	5.46763715	conserved	conserved
GNAI3	0.47184058	0.89432094	conserved	conserved
GNAO1	3.9271637	3.0595576	conserved	conserved
GNAS	1.66040903	5.69604032	mouse-RGL	conserved
GNAT2	0.03454468	0	conserved	conserved
GNAZ	0.15875739	0.25632804	conserved	conserved
GNB1	2.69511356	2.49529057	conserved	conserved
GNB2	0.33112011	6.07132464	mouse-RGL	conserved
GNB3	0.18090152	0	conserved	conserved
GNB4	0.39745816	0.69746619	conserved	conserved
GNB5	0.7141648	0.00350613	conserved	conserved
GNE	0.62350059	0.06179492	conserved	conserved
GNG4	0.02337981	0.01486604	conserved	conserved
GNGT1	0	0	conserved	conserved
GNL1	0.249944	0.32991219	conserved	conserved
GNL2	0.15267729	0.36666642	conserved	conserved
GNL3	0.19204403	0.4601438	conserved	conserved
GNMT	0.03892303	0	conserved	conserved
GNPAT	0.59022002	0.29780706	conserved	conserved
GNPDA1	0.23652875	0.18955976	conserved	conserved
GNPDA2	0.49872374	0.64189316	conserved	conserved
GNPNAT1	0.13072223	0.33982505	conserved	conserved
GNPTAB	1.93941006	0.1634808	conserved	conserved
GNPTG	0.14199158	0.4145777	conserved	conserved
GNRH1	0.0124215	0.00467569	conserved	conserved
GNRHR	0	0	conserved	conserved
GNS	0.52481183	0.25186771	conserved	conserved
GOLGA1	1.15857249	0.2534813	conserved	conserved
GOLGA3	0.3596356	0.14962343	conserved	conserved
GOLGA4	2.80975148	0.36556585	monkey-NSC	conserved
GOLGA5	0.50395541	0.19867387	conserved	conserved
GOLGA7	0.21086555	1.45191719	mouse-RGL	conserved
GOLGA7B	0.13693423	0.04429971	conserved	conserved
GOLGB1	1.33372748	0.90015802	conserved	conserved
GOLM1	0.46410472	0.14164262	conserved	conserved
GOLPH3	0.7339361	0.55027309	conserved	conserved
GOLPH3L	0.3033232	0.22605944	conserved	conserved
GOLT1B	0.12799602	0.59628942	conserved	conserved
GORAB	0.1008397	0.17209244	conserved	conserved
GORASP1	0.17670472	0.09168367	conserved	conserved

GORASP2	0.2282345	0.65237904	conserved	conserved
GOSR1	0.50037732	0.10770805	conserved	conserved
GOT1	0.39077688	0.18157476	conserved	conserved
GOT1L1	0.00091262	0.004558	conserved	conserved
GOT2	0.24741207	0.36605979	conserved	conserved
GP2	0	0	conserved	conserved
GPAA1	0.1056998	0.27172941	conserved	conserved
GPAM	1.15254195	0.00316043	monkey-NSC	conserved
GPAT4	0.16216695	0.40869063	conserved	conserved
GPATCH1	0.20183446	0.12491768	conserved	conserved
GPATCH11	0.13116195	0.37953506	conserved	conserved
GPATCH2	1.87772716	0.32053237	conserved	conserved
GPATCH2L	0.78653388	0.06516982	conserved	conserved
GPATCH3	0.07852371	0.01833219	conserved	conserved
GPATCH4	0.14250266	0.30133549	conserved	conserved
GPATCH8	4.6117459	0.65700871	conserved	conserved
GPBP1L1	1.08385482	0.25743528	conserved	conserved
GPC3	0.05402642	0.01987515	conserved	conserved
GPC4	0.60027893	0.31493831	conserved	conserved
GPC5	48.2660287	0.22753999	monkey-NSC	conserved
GPC6	14.2811672	0.7678915	monkey-NSC	conserved
GPCPD1	0.42813159	0.4187716	conserved	conserved
GPD1	0.03823773	0.5130228	conserved	conserved
GPD1L	0.13846765	0.22626231	conserved	conserved
GPD2	1.29664554	0.56736008	conserved	conserved
GPER1	0.00180078	0.10858182	conserved	conserved
GPHA2	0.00234613	0	conserved	conserved
GPHB5	0.00255502	0	conserved	conserved
GPHN	11.5708494	0.27256022	conserved	conserved
GPKOW	0.12179767	0.16579061	conserved	conserved
GPLD1	0.25444969	0.31588038	conserved	conserved
GPM6A	69.2897022	7.64624154	monkey-NSC	conserved
GPM6B	9.70073232	13.2242121	monkey-NSC	conserved
GPN1	0.10322333	0.31085786	conserved	conserved
GPN2	0.11417465	0.11304341	conserved	conserved
GPN3	0.1043463	0.13903091	conserved	conserved
GPNMB	0.01984781	0.01101839	conserved	conserved
GPR1	0.15138624	0	conserved	conserved
GPR101	0.00177315	0	conserved	conserved
GPR107	1.19114665	0.32952192	conserved	conserved
GPR12	0.02123753	0.01657976	conserved	conserved

GPR137	0.25626379	0.17591455	conserved	conserved
GPR137B	0.74645925	0.22929619	conserved	conserved
GPR137C	0.45658495	0	conserved	conserved
GPR142	0.00841528	0	conserved	conserved
GPR143	0.03228145	0	conserved	conserved
GPR146	0.01095113	0.14079108	conserved	conserved
GPR149	0.0285529	0	conserved	conserved
GPR15	0	0	conserved	conserved
GPR151	0	0	conserved	conserved
GPR155	0.77393959	0.04616719	conserved	conserved
GPR156	0.66635279	0.02335807	conserved	conserved
GPR160	0.02427947	0.00211684	conserved	conserved
GPR161	0.20272384	0.09974284	conserved	conserved
GPR162	0.29614714	0.07798654	conserved	conserved
GPR17	0	0.02747156	conserved	conserved
GPR171	0.01802163	0	conserved	conserved
GPR173	0.43105159	0.12735706	conserved	conserved
GPR174	0.00219823	0	conserved	conserved
GPR176	0.20311891	0.0037771	conserved	conserved
GPR179	0.00167289	0.00958354	conserved	conserved
GPR18	0.01857649	0	conserved	conserved
GPR183	0.00502602	0	conserved	conserved
GPR19	0.12283283	0.43780578	conserved	conserved
GPR20	0.00039304	0	conserved	conserved
GPR22	0.13213416	0.01848301	conserved	conserved
GPR27	0.02428112	0.0504552	conserved	conserved
GPR3	0.00384441	0.0109988	conserved	conserved
GPR37	0.17001362	0.08470847	conserved	conserved
GPR37L1	0.77762123	1.24950244	monkey-NSC	conserved
GPR45	0	0.07904531	conserved	conserved
GPR55	0	0	conserved	conserved
GPR63	0.05412094	0.00627009	conserved	conserved
GPR65	0.00174428	0	conserved	conserved
GPR68	0.01972919	0.00799722	conserved	conserved
GPR82	0.0100878	0	conserved	conserved
GPR87	0.02381795	0	conserved	conserved
GPRASP2	0.07377356	0.37656569	conserved	conserved
GPRC5A	0	0	conserved	conserved
GPRC5B	2.126648	0.59225081	monkey-NSC	conserved
GPRC5C	0.11028252	0.01393776	conserved	conserved
GPRC5D	0.05205693	0.00645903	conserved	conserved

GPRC6A	0.0193496	0	conserved	conserved
GPRIN2	0	0	conserved	conserved
GPS1	0.45511494	0.83511441	conserved	conserved
GPS2	0.20168704	0.64914543	conserved	conserved
GPSM1	0.19437498	0.20066429	conserved	conserved
GPSM2	0.55316052	0.11779096	conserved	conserved
GPSM3	0.00088179	0.00523212	conserved	conserved
GPT	0.58352231	0.06037063	conserved	conserved
GPT2	1.87578536	0.41029991	conserved	conserved
GPX1	0	1.48145009	mouse-RGL	conserved
GPX2	0.05062443	0	conserved	conserved
GPX4	0.00661262	6.77614721	conserved	conserved
GPX6	0.00043595	0	conserved	conserved
GPX7	0.0667641	0.35926012	conserved	conserved
GPX8	0.01765276	0.83719154	conserved	conserved
GRAMD1A	0.68693746	0.36352612	conserved	conserved
GRAMD1B	3.02232579	0.23569428	monkey-NSC	conserved
GRAMD1C	3.34204149	0.12950427	conserved	conserved
GRAP2	0.00211546	0	conserved	conserved
GRB10	0.40328776	0.5279255	conserved	conserved
GRB2	0.84213826	0.49450007	conserved	conserved
GRB7	0.02074014	0	conserved	conserved
GREB1L	0.43383229	0.00462855	conserved	conserved
GREM2	0.07588465	0.01283377	conserved	conserved
GRHL1	0.14471037	0.07491061	conserved	conserved
GRHL2	0.29112326	0	conserved	conserved
GRHL3	0.01183752	0	conserved	conserved
GRHPR	0.44881187	0.2152221	conserved	conserved
GRIA1	6.31142159	0.34129379	conserved	conserved
GRIA2	5.66878809	4.33649072	monkey-NSC	conserved
GRIA4	0.83091162	0.02113408	conserved	conserved
GRID1	6.04326785	0.1218089	monkey-NSC	conserved
GRID2	3.89365669	0.1450853	conserved	conserved
GRIK1	1.10921603	0.00856123	conserved	conserved
GRIK2	9.38942256	0.15165502	monkey-NSC	conserved
GRIK3	0.0286492	0.01048394	conserved	conserved
GRIK4	1.17836038	0.04371021	conserved	conserved
GRIK5	1.40841139	0.44367265	conserved	conserved
GRIN1	0.59408743	0.06711486	conserved	conserved
GRIN2A	2.47157536	0.04154288	monkey-NSC	conserved
GRIN2B	4.49625909	0.82482941	conserved	conserved

GRIN2C	0.67693412	0.03232796	monkey-NSC	conserved
GRIN2D	0.17167801	0	conserved	conserved
GRIN3A	0.21938556	0.06802755	conserved	conserved
GRINA	0.52473326	0.99018518	conserved	conserved
GRIP1	0.85342033	0.03846345	monkey-NSC	conserved
GRIP2	0.04177573	0	conserved	conserved
GRIPAP1	0.50179189	0.34823518	conserved	conserved
GRK1	0	0	conserved	conserved
GRK5	0.92798551	0.02024768	conserved	conserved
GRK6	0.09287998	0.21170446	conserved	conserved
GRM2	0.03029254	0.00469705	conserved	conserved
GRM3	6.39659628	0.40008172	monkey-NSC	conserved
GRM4	0.02340425	0.00645903	conserved	conserved
GRM5	8.11389405	0.30620921	monkey-NSC	conserved
GRM6	0	0	conserved	conserved
GRM7	3.81004755	0.00316978	monkey-NSC	conserved
GRM8	0.40983354	0.00165916	conserved	conserved
GRN	0.13199856	0.43636145	conserved	conserved
GRP	0.06404461	0.04448411	conserved	conserved
GRPR	0.01075755	0.00853063	conserved	conserved
GRSF1	0.22345869	0.37747866	conserved	conserved
GRTP1	0.13578163	0.27693049	conserved	conserved
GRWD1	0.01797541	0.14932141	conserved	conserved
GRXCR1	0.00564181	0	conserved	conserved
GSAP	1.42724752	1.171042	conserved	conserved
GSDMD	0.00307932	0.00205787	conserved	conserved
GSE1	0.12872289	0.27071846	conserved	conserved
GSG1L	0.21144035	0.03691602	conserved	conserved
GSG1L2	0.00139307	0	conserved	conserved
GSK3B	3.13152676	2.23871677	conserved	conserved
GSKIP	0.15483953	0.27330869	conserved	conserved
GSN	1.29369165	0.07110505	monkey-NSC	conserved
GSPT1	0.820778	0.711921	conserved	conserved
GSPT2	0.01664929	0.04079843	conserved	conserved
GSR	0.52419223	0.97742303	conserved	conserved
GSS	0.17940027	0.10831332	conserved	conserved
GSTCD	0.80196197	0.08658403	conserved	conserved
GSTM3	0.13471484	0.02285744	conserved	conserved
GSTO2	0.21827096	0.07723269	conserved	conserved
GSTZ1	0.06915554	0.38764352	conserved	conserved
GSX1	0	0.00493725	conserved	conserved

GTDC1	1.7605786	0.14702902	conserved	conserved
GTF2B	0.47279507	0.30832623	conserved	conserved
GTF2E1	0.06882399	0.18430286	conserved	conserved
GTF2E2	0.46151184	0.46071703	conserved	conserved
GTF2F2	0.76247305	0.48614635	conserved	conserved
GTF2H1	0.80455044	0.28127174	conserved	conserved
GTF2H4	0.06901282	0.18353333	conserved	conserved
GTF2H5	0.10312016	2.71973847	mouse-RGL	conserved
GTF2I	4.78430205	1.31899714	conserved	conserved
GTF2IRD1	1.47376094	0.25266847	conserved	conserved
GTF3A	0.11517219	0.58259766	conserved	conserved
GTF3C1	0.94744974	0.23845511	conserved	conserved
GTF3C3	0.38419145	0.11679737	conserved	conserved
GTF3C4	0.08155815	0.18919773	conserved	conserved
GTF3C5	0.1513656	0.07114347	conserved	conserved
GTPBP1	0.23921664	0.10890632	conserved	conserved
GTPBP10	0.42059438	0.14607557	conserved	conserved
GTPBP2	0.09604572	0.30986539	conserved	conserved
GTPBP4	0.2244593	0.50080675	conserved	conserved
GTPBP8	0.08813016	0.19017831	conserved	conserved
GTSE1	0.03955434	0.00605706	conserved	conserved
GTSF1	0.00734676	0	conserved	conserved
GUCA2A	0	0	conserved	conserved
GUCD1	0.05637609	0.13478912	conserved	conserved
GUCY1A2	0.79914338	0.0050562	conserved	conserved
GUCY2D	0.00824607	0.00736167	conserved	conserved
GUCY2F	0.00247638	0.01530468	conserved	conserved
GUF1	0.29540156	0.65150418	conserved	conserved
GULP1	0.1744706	0.05855243	conserved	conserved
GXYLT2	0.06728758	0.0121523	conserved	conserved
GYS2	0.00048179	0	conserved	conserved
GZF1	0.21192251	0.20173958	conserved	conserved
GZMA	0	0	conserved	conserved
GZMK	0	0	conserved	conserved
H6PD	0.07825755	0.00962902	conserved	conserved
HABP2	0	0	conserved	conserved
HABP4	0.31648414	0.21111098	conserved	conserved
HACD1	0.39277496	0.86678924	conserved	conserved
HACD2	0.50003469	0.28066285	conserved	conserved
HACD3	0.95204595	0.66009033	conserved	conserved
HACD4	0.05065116	0.14352774	conserved	conserved

HACE1	0.79559542	0.13258166	conserved	conserved
HADH	0.17096613	0.83442488	conserved	conserved
HADHA	0.64982008	0.69186414	conserved	conserved
HAGH	0.50107964	0.43028948	conserved	conserved
HAL	0.00596762	0.00521172	conserved	conserved
HAMP	0	0.00360344	conserved	conserved
HAO1	0.00515153	0	conserved	conserved
HAO2	0.00214062	0	conserved	conserved
HAPLN1	0.31322696	0.29046714	conserved	conserved
HAPLN3	0.14908716	0.1667776	conserved	conserved
HAPLN4	0.02707357	0.01138028	conserved	conserved
HARS2	0.22895101	0.16872569	conserved	conserved
HAS2	0.00241272	0.23192824	conserved	conserved
HAS3	0.02889773	0	conserved	conserved
HAT1	0.69204109	0.33846376	conserved	conserved
HAUS1	0.29985376	0.2209907	conserved	conserved
HAUS2	0.18537898	0.30249686	conserved	conserved
HAUS5	0.14818747	0.04712149	conserved	conserved
HAUS6	0.18617937	0.0766709	conserved	conserved
HAUS7	0.05594731	0.33663418	conserved	conserved
HAUS8	0.08986971	0.15959494	conserved	conserved
HAVCR2	0.05716112	0	conserved	conserved
HAX1	0.22050281	0.64821277	conserved	conserved
HBEGF	0.05728757	0.1382865	conserved	conserved
HBP1	0.73002764	0.55962393	conserved	conserved
HBS1L	0.75760516	0.40341569	conserved	conserved
HCCS	0.03060588	0.46728232	conserved	conserved
HCFC1	0.10130064	0.3174605	conserved	conserved
HCK	0.03303513	0	conserved	conserved
HCLS1	0.05027473	0	conserved	conserved
HCN4	0.006914	0.00240927	conserved	conserved
HCRT	0.01233712	0.01240236	conserved	conserved
HCRTR1	0.01681792	0	conserved	conserved
HCST	0.00171918	0.01211792	conserved	conserved
HDAC10	0.48935227	0.12424022	conserved	conserved
HDAC11	0.41809951	0.23857863	conserved	conserved
HDAC2	0.42116294	1.23697766	conserved	conserved
HDAC3	0.33110487	1.24777968	conserved	conserved
HDAC4	3.12751093	0.34037894	conserved	conserved
HDAC5	0.47118042	0.29159324	conserved	conserved
HDAC6	0.28571509	0.17184671	conserved	conserved

HDAC7	0.33988448	0.10469592	conserved	conserved
HDAC9	2.08351559	0.08403277	conserved	conserved
HDC	0.00361225	0.00783612	conserved	conserved
HDDC2	0.13195002	0.67031767	conserved	conserved
HDDC3	0.03966596	0.88177821	conserved	conserved
HDGF	0.16235491	1.86650348	mouse-RGL	conserved
HDHD3	0.09216615	0.1340171	conserved	conserved
HDLBP	0.81933359	0.58045538	conserved	conserved
HDX	0.48671846	0.02777012	conserved	conserved
HEATR1	0.33986935	0.00706236	conserved	conserved
HEATR3	0.62204802	0.27754309	conserved	conserved
HEATR5A	2.0329852	0.09376437	monkey-NSC	conserved
HEATR5B	1.13577529	0.03836559	conserved	conserved
HEATR9	0.03553034	0	conserved	conserved
HEBP1	0.11615288	0.63273651	conserved	conserved
HECA	0.12536569	0.03408658	conserved	conserved
HECTD1	1.70891055	0.53193179	conserved	conserved
HECTD2	1.5909345	0.32782411	conserved	conserved
HECTD3	0.13263865	0.12580305	conserved	conserved
HECW1	0.67601266	0.13636831	conserved	conserved
HECW2	0.81360965	0.00187287	conserved	conserved
HEG1	0.62462765	0.19075264	conserved	conserved
HELB	0.1460097	0.03559142	conserved	conserved
HELLS	0.05458805	0.33668566	conserved	conserved
HELQ	0.78086134	0.03628692	conserved	conserved
HELZ	1.99591682	0.70644649	conserved	conserved
HEMGN	0.00718396	0	conserved	conserved
HEMK1	0.10904909	0.14620973	conserved	conserved
HENMT1	0.01605658	0.00786586	conserved	conserved
HEPACAM2	0.00536495	0.0029494	conserved	conserved
HEPH	1.00539913	0.01515471	conserved	conserved
HEPHL1	0.01059248	0	conserved	conserved
HERC1	2.45375484	0.64649442	conserved	conserved
HERC4	4.35687173	0.13001155	monkey-NSC	conserved
HERC6	0.12912369	0.04823742	conserved	conserved
HERPUD1	0.26018657	0.24117667	conserved	conserved
HERPUD2	1.04054117	0.65737706	conserved	conserved
HES1	0.56284804	2.66144885	mouse-RGL	conserved
HES2	0.00565768	0	conserved	conserved
HES5	0.22779429	6.40215443	mouse-RGL	conserved
HES6	0.09539799	1.72221761	mouse-RGL	conserved

Gene	Value 1	Value 2	Status 1	Status 2
HES7	0.00115143	0.03070742	conserved	conserved
HESX1	0	0	conserved	conserved
HEXB	0.33902642	0.10163324	conserved	conserved
HEXIM1	0.02377047	0.56279102	conserved	conserved
HEXIM2	0.12533389	0.10026938	conserved	conserved
HEY1	0.12379262	0.50167071	conserved	conserved
HEY2	0.22570511	0.09222609	conserved	conserved
HEYL	0.15769593	0.04563237	conserved	conserved
HFE	0.05873498	0.0302023	conserved	conserved
HGD	0.03967421	0	conserved	conserved
HGF	0.05049862	0.02468148	conserved	conserved
HGFAC	0.00063555	0.00392832	conserved	conserved
HHAT	0.99250704	0.01581796	conserved	conserved
HHIP	0.34375067	0.0706267	conserved	conserved
HHIPL2	0	0	conserved	conserved
HIBADH	2.53387415	1.025672	conserved	conserved
HIBCH	1.73233772	0.34098267	conserved	conserved
HIC2	0.03561433	0.0934068	conserved	conserved
HID1	0.20208848	0.05522783	conserved	conserved
HIF1A	1.37428861	0.69394722	conserved	conserved
HIF1AN	0.11199191	0.07533872	conserved	conserved
HIF3A	1.25875325	0.02946584	monkey-NSC	conserved
HIGD1C	0.04080617	0	conserved	conserved
HINFP	0.10092797	0.009867	conserved	conserved
HINT2	0.04834138	0.8535681	conserved	conserved
HINT3	0.34761784	0.17552387	conserved	conserved
HIP1	6.88634849	0.44366818	conserved	conserved
HIP1R	1.03193084	0.21332664	conserved	conserved
HIPK1	0.36952093	0.45493043	conserved	conserved
HIPK2	2.2748595	0.53903349	conserved	conserved
HIPK3	0.75735892	0.12273255	conserved	conserved
HIPK4	0.00962063	0	conserved	conserved
HIRA	0.96013436	0.20495664	conserved	conserved
HIVEP1	2.19730553	0.32159353	conserved	conserved
HIVEP2	0.59350264	0.10674985	conserved	conserved
HIVEP3	0.90726338	0.75457542	conserved	conserved
HJURP	0.00659125	0.11727784	conserved	conserved
HK1	1.11020572	0.32267055	conserved	conserved
HK2	0.20601023	0.14477426	conserved	conserved
HK3	0.03412876	0	conserved	conserved
HKDC1	0.15681901	0.00483213	conserved	conserved

HLCS	1.95857552	0.0536621	conserved	conserved
HLF	1.05264204	0.24386879	conserved	conserved
HLTF	0.84981424	0.13632016	conserved	conserved
HMBOX1	1.13355158	0.30994591	conserved	conserved
HMBS	0.07685556	0.68153113	conserved	conserved
HMCES	0.19015939	0.21479453	conserved	conserved
HMCN1	0.43945111	0.01176838	conserved	conserved
HMG20A	1.03955794	0.31991162	conserved	conserved
HMGB4	0	0.00338606	conserved	conserved
HMGCL	0.50130996	0.35830857	conserved	conserved
HMGCR	0.48551442	0.8790596	conserved	conserved
HMGCS1	0.26253406	4.10601485	conserved	conserved
HMGCS2	0.02795155	0.04835225	conserved	conserved
HMGN3	1.21876131	5.42096058	conserved	conserved
HMGN5	0.36625367	0.32875922	conserved	conserved
HMGXB3	0.51605268	0.07627082	conserved	conserved
HMGXB4	0.69029647	0.28805102	conserved	conserved
HMMR	0.04857022	0.00293592	conserved	conserved
HMOX1	0.01811891	0.0565221	conserved	conserved
HMOX2	0.29002881	0.53526887	conserved	conserved
HMX1	0.00337078	0	conserved	conserved
HNF1A	0.01253475	0	conserved	conserved
HNF1B	0.01955799	0	conserved	conserved
HNF4A	0	0	conserved	conserved
HNF4G	0.01763619	0	conserved	conserved
HNRNPA2B1	3.0493519	5.37382467	conserved	conserved
HNRNPAB	0.14243343	2.75483059	mouse-RGL	conserved
HNRNPDL	1.4882441	2.8540347	conserved	conserved
HNRNPF	0.09472816	3.65743016	mouse-RGL	conserved
HNRNPH1	0.58542358	1.63738177	conserved	conserved
HNRNPH3	0.25628913	0.79614416	conserved	conserved
HNRNPK	0.47645124	7.54193125	mouse-RGL	conserved
HNRNPLL	0.70067677	0.55879854	conserved	conserved
HNRNPM	1.09469355	1.39446444	conserved	conserved
HNRNPR	0.57094762	2.2932565	conserved	conserved
HNRNPU	1.37509859	2.53353791	conserved	conserved
HNRNPUL1	0.51679603	0.85887373	conserved	conserved
HOMER1	1.10226913	0.19150911	conserved	conserved
HOMER2	0.81846565	0.46464189	conserved	conserved
HOMEZ	0.09639894	0.0854395	conserved	conserved
HOOK1	0.87288408	0.02804236	conserved	conserved

HOOK3	3.74080184	0.71952379	monkey-NSC	conserved
HOPX	2.88924239	4.80799775	conserved	conserved
HORMAD1	0.01779979	0	conserved	conserved
HORMAD2	0.29160702	0.00752246	conserved	conserved
HOXA10	0	0	conserved	conserved
HOXA7	0	0	conserved	conserved
HP1BP3	1.34664447	1.22210777	conserved	conserved
HPCA	0.21295242	0.11477031	conserved	conserved
HPCAL1	0.63258403	0.03532635	conserved	conserved
HPCAL4	0.20934824	0.09737431	conserved	conserved
HPD	0.00261728	0	conserved	conserved
HPDL	0.00143357	0.00748131	conserved	conserved
HPGD	0.00641491	0.01818996	conserved	conserved
HPGDS	0.03147966	0.15264463	conserved	conserved
HPN	0.06677616	0	conserved	conserved
HPS1	0.15702762	0.10759375	conserved	conserved
HPS3	0.26551288	0.07039061	conserved	conserved
HPS4	0.38346196	0.26049516	conserved	conserved
HPS5	0.37688073	0.16457765	conserved	conserved
HPSE	0.00644176	0.0048254	conserved	conserved
HPSE2	0.16409539	0	conserved	conserved
HR	0.01147036	0.01624459	conserved	conserved
HRAS	0.06867797	0.54895565	mouse-RGL	conserved
HRG	0	0	conserved	conserved
HRH1	0.80243616	0	monkey-NSC	conserved
HRH2	0.05247583	0	conserved	conserved
HRH3	0.00550923	0	conserved	conserved
HRH4	0.05628752	0	conserved	conserved
HS3ST3A1	0.08471707	0.01257485	conserved	conserved
HS3ST6	0	0	conserved	conserved
HSBP1L1	0.08622586	0.00428878	conserved	conserved
HSD11B1	0.12154638	0.03083003	conserved	conserved
HSD11B2	0.01277467	0	conserved	conserved
HSD17B1	0.04342911	0	conserved	conserved
HSD17B10	0.03148761	1.73983442	mouse-RGL	conserved
HSD17B11	0.23420245	0.07966875	conserved	conserved
HSD17B12	1.41618018	1.30348634	conserved	conserved
HSD17B13	0.01887679	0	conserved	conserved
HSD17B2	0.00105164	0	conserved	conserved
HSD17B3	0.01342172	0	conserved	conserved
HSD17B4	1.03113652	0.49099982	conserved	conserved

HSD3B7	0.02813643	0.00607729	conserved	conserved
HSDL1	0.07002035	0.30403155	conserved	conserved
HSDL2	1.07616682	0.58833236	conserved	conserved
HSF1	0.39958092	0.19159305	conserved	conserved
HSF2	0.34006247	0.24306265	conserved	conserved
HSF2BP	0.10357298	0	conserved	conserved
HSF4	0.07945328	0	conserved	conserved
HSPA12A	0.88011746	0.03066365	conserved	conserved
HSPA12B	0.00191881	0	conserved	conserved
HSPA13	0.08774653	0.35534709	conserved	conserved
HSPA14	0.25219089	0.37711877	conserved	conserved
HSPA4L	0.63829166	0.70431393	conserved	conserved
HSPA5	0.39688394	1.52483792	conserved	conserved
HSPB3	0.0009705	0	conserved	conserved
HSPB8	0.11289975	0.27051367	conserved	conserved
HSPBAP1	0.27023231	0.01870936	conserved	conserved
HSPBP1	0.17231307	0.34980459	conserved	conserved
HSPG2	0.09427025	0.03191048	conserved	conserved
HSPH1	0.30683953	0.32824676	conserved	conserved
HTATSF1	0.12602946	0.38715008	conserved	conserved
HTR1B	0	0	conserved	conserved
HTR2A	0.10604558	0	conserved	conserved
HTR2B	0.0475318	0	conserved	conserved
HTR2C	0.16467935	0.00580422	conserved	conserved
HTR3A	0.00150439	0	conserved	conserved
HTR3B	0.00395969	0	conserved	conserved
HTR4	0.33004156	0	conserved	conserved
HTR5A	0.0106694	0	conserved	conserved
HTR6	0.02637808	0	conserved	conserved
HTRA1	2.37266347	1.06037305	monkey-NSC	conserved
HTRA2	0.03651029	0.35424082	conserved	conserved
HTRA3	0	0.05063625	conserved	conserved
HTT	1.61859075	0.30023208	conserved	conserved
HUNK	0.45706276	0.0995878	conserved	conserved
HUWE1	2.43310147	1.04548589	conserved	conserved
HVCN1	0.36567151	0.00624884	conserved	conserved
HYAL1	0.01768257	0.20775609	conserved	conserved
HYAL2	0.03039476	0.20814202	conserved	conserved
HYAL3	0.01645036	0.03080153	conserved	conserved
HYAL4	0	0	conserved	conserved
HYDIN	0.26665268	0	conserved	conserved

HYKK	0.18437321	0.0675904	conserved	conserved
HYLS1	0.03583947	0.01725831	conserved	conserved
HYOU1	0.11450223	0.11522089	conserved	conserved
HYPK	0.03226361	1.0862212	mouse-RGL	conserved
IAH1	0.20353782	0.40992758	conserved	conserved
IAPP	0.01544436	0	conserved	conserved
IARS2	0.55198926	0.18322104	conserved	conserved
IBSP	0.00231423	0.00182916	conserved	conserved
IBTK	1.09300976	0.18599869	conserved	conserved
ICA1	0.36427599	0.03539005	conserved	conserved
ICA1L	1.16393668	0.03387346	conserved	conserved
ICAM1	0.01941254	0.02822612	conserved	conserved
ICAM2	0	0.00312584	conserved	conserved
ICAM4	0.0011083	0	conserved	conserved
ICAM5	0.025304	0.01217202	conserved	conserved
ICE1	0.86922334	0.20162059	conserved	conserved
ICE2	0.4076726	0.11672557	conserved	conserved
ICMT	0.071278	0.07250041	conserved	conserved
ICOS	0	0	conserved	conserved
ID1	0.07275427	1.90353351	mouse-RGL	conserved
ID2	0.64285397	3.3423812	mouse-RGL	conserved
ID3	0.16181821	6.50098413	mouse-RGL	conserved
ID4	1.44550559	2.49472268	monkey-NSC	conserved
IDE	0.76257695	0.50706512	conserved	conserved
IDH1	0.552779	1.88305615	conserved	conserved
IDH2	0.8880819	1.51131749	conserved	conserved
IDH3B	0.09377206	0.53411834	conserved	conserved
IDI1	0.49596147	1.31822822	conserved	conserved
IDNK	0.45229939	0.6161271	conserved	conserved
IER3	0.0182654	0.04822038	conserved	conserved
IFFO1	0.41321478	0.19105663	conserved	conserved
IFI30	0.00635323	0.04431619	conserved	conserved
IFI35	0.07690716	0.02808799	conserved	conserved
IFI44	0.03886996	0	conserved	conserved
IFI44L	0.01386071	0	conserved	conserved
IFIT2	0.04195919	0.05315159	conserved	conserved
IFNAR1	0.44380589	0.23696342	conserved	conserved
IFNG	0	0	conserved	conserved
IFNGR1	0.25361013	0.13828408	conserved	conserved
IFNGR2	0.43319705	0.65205554	conserved	conserved
IFNLR1	0.00855938	0	conserved	conserved

IFT122	0.42902485	0.17538591	conserved	conserved
IFT140	0.73180821	0.10473908	conserved	conserved
IFT172	0.66308351	0.08464688	conserved	conserved
IFT22	0.09186308	0.8537792	conserved	conserved
IFT27	0.6245143	1.01172799	conserved	conserved
IFT43	0.92488327	0.43699901	conserved	conserved
IFT46	0.11328721	0.4028083	conserved	conserved
IFT52	0.2451572	0.24500344	conserved	conserved
IFT57	0.46420002	0.80311016	conserved	conserved
IFT74	1.38166731	0.41078395	conserved	conserved
IFT80	0.92375134	0.20026143	conserved	conserved
IFT81	0.57089478	0.35928591	conserved	conserved
IFT88	1.30571335	0.06907823	conserved	conserved
IGDCC3	0.38169923	0.04543114	conserved	conserved
IGDCC4	0.55567903	0.7980728	conserved	conserved
IGF1	0.10456178	0.01795109	conserved	conserved
IGF1R	2.0756257	0.96191795	conserved	conserved
IGF2	0.00700601	0.00343309	conserved	conserved
IGF2BP1	0.0323633	0.03606712	conserved	conserved
IGF2BP2	0.08996689	0.02296098	conserved	conserved
IGF2R	0.39828236	0.08191568	conserved	conserved
IGFALS	0.00267271	0	conserved	conserved
IGFBP1	0.00105629	0	conserved	conserved
IGFBP2	0.04170416	0.77931622	conserved	conserved
IGFBP3	0.01256973	0.01602177	conserved	conserved
IGFBP4	0.00142699	0.22696676	conserved	conserved
IGFBP5	0.30133041	0.96501404	conserved	conserved
IGFBP7	0.08292415	0.05670902	conserved	conserved
IGSF1	0.10593064	0.02071884	conserved	conserved
IGSF10	0.05450987	0.06508871	conserved	conserved
IGSF11	3.4302666	0.34908177	conserved	conserved
IGSF21	0.05420063	0.091417	conserved	conserved
IGSF23	0.00645017	0	conserved	conserved
IGSF3	0.04893732	0.89959454	mouse-RGL	conserved
IGSF6	0.1191241	0	conserved	conserved
IGSF8	0.11961236	0.66279708	conserved	conserved
IGSF9	0.0231055	0.04716015	conserved	conserved
IGSF9B	0.04264208	0	conserved	conserved
IHH	0.00131189	0.00286396	conserved	conserved
IK	0.21976048	0.51534033	conserved	conserved
IKBKB	1.3325811	0.40873896	conserved	conserved

IKBKE	0.00400384	0.00296436	conserved	conserved
IKBKG	0.28745693	0.14712058	conserved	conserved
IKZF3	0.04449516	0	conserved	conserved
IKZF4	0.22791691	0.04778323	conserved	conserved
IKZF5	0.11642637	0.53730021	conserved	conserved
IL10	0	0	conserved	conserved
IL10RA	0.01662906	0	conserved	conserved
IL11	0.00101555	0.02258468	conserved	conserved
IL12A	0	0	conserved	conserved
IL12B	0	0	conserved	conserved
IL12RB1	0.0132904	0.00533621	conserved	conserved
IL12RB2	0.14437997	0	conserved	conserved
IL13RA2	0	0	conserved	conserved
IL15	0.00213934	0	conserved	conserved
IL15RA	0.03566997	0.01796965	conserved	conserved
IL16	0.15476021	0.00371918	conserved	conserved
IL17B	0	0.00776358	conserved	conserved
IL17C	0	0	conserved	conserved
IL17F	0.0194702	0	conserved	conserved
IL17RD	0.34985774	0.11260087	conserved	conserved
IL17RE	0.02717972	0.00357637	conserved	conserved
IL18R1	0.0054688	0	conserved	conserved
IL18RAP	0	0	conserved	conserved
IL19	0.00481051	0	conserved	conserved
IL1A	0.00727809	0	conserved	conserved
IL1B	0.00445693	0	conserved	conserved
IL1R1	0.01505784	0.00212349	conserved	conserved
IL1R2	0.00174722	0.0132224	conserved	conserved
IL1RAP	0.63367801	0.06770752	conserved	conserved
IL1RAPL1	9.25986592	0.07773564	conserved	conserved
IL1RAPL2	0.43368253	0	conserved	conserved
IL1RL1	0.00069265	0	conserved	conserved
IL1RL2	0.00925707	0	conserved	conserved
IL1RN	0	0	conserved	conserved
IL20	0	0	conserved	conserved
IL20RA	0.08665194	0.00325899	conserved	conserved
IL20RB	0.00847337	0.01445597	conserved	conserved
IL21	0	0	conserved	conserved
IL21R	0.00858262	0	conserved	conserved
IL22RA2	0.01006739	0	conserved	conserved
IL23A	0.01309264	0	conserved	conserved

IL23R	0.0055945	0	conserved	conserved
IL24	0.0009884	0	conserved	conserved
IL25	0.01366897	0.00296436	conserved	conserved
IL27	0	0	conserved	conserved
IL27RA	0.05852092	0.00243806	conserved	conserved
IL2RA	0.00261601	0	conserved	conserved
IL2RB	0	0	conserved	conserved
IL31	0	0	conserved	conserved
IL31RA	0.01110836	0.00679607	conserved	conserved
IL33	0.22430296	0.01097821	conserved	conserved
IL34	0.12882731	0.01925013	conserved	conserved
IL4I1	0.02434709	0	conserved	conserved
IL5RA	0.0056645	0	conserved	conserved
IL6	0.02172683	0.00945804	conserved	conserved
IL7	0.05731261	0	conserved	conserved
IL7R	0.00161353	0	conserved	conserved
IL9	0.00395108	0	conserved	conserved
ILDR1	0.00115873	0.00347391	conserved	conserved
ILDR2	0.34221808	0.54834604	conserved	conserved
ILF3	0.53028457	0.50826593	conserved	conserved
ILK	0.73059456	0.97630294	conserved	conserved
ILKAP	0.92728596	0.85443436	conserved	conserved
ILVBL	0.2815174	0.24813788	conserved	conserved
IMMP1L	0.22036968	1.82360824	mouse-RGL	conserved
IMMP2L	2.23021808	0.06316184	monkey-NSC	monkey-NSC1-enriched
IMMT	0.66162525	0.71943012	conserved	conserved
IMP3	0.00099314	0.62791315	conserved	conserved
IMP4	0.06548828	0.42289014	conserved	conserved
IMPG2	0.02732742	0.00244921	conserved	conserved
INCA1	0.01808965	0.03821795	conserved	conserved
INCENP	0.02811865	0.0405806	conserved	conserved
ING1	0.02876839	0.4513811	conserved	conserved
ING2	0.11862502	0.29096546	conserved	conserved
ING3	0.21325434	0.29243748	conserved	conserved
ING4	0.33440257	0.63226973	conserved	conserved
ING5	0.38483753	0.08808545	conserved	conserved
INHA	0.03360809	0.06599896	conserved	conserved
INHBB	0.13313903	0.2741171	conserved	conserved
INHBE	0	0	conserved	conserved
INO80	1.22647787	0.12724254	conserved	conserved
INO80E	0.20181164	0.49120817	conserved	conserved

INPP4A	1.30692506	0.17252606	conserved	conserved
INPP4B	0.57742526	0.01136032	conserved	conserved
INPP5A	0.42957991	0.03742614	conserved	conserved
INPP5B	0.85255882	0.09510128	conserved	conserved
INPP5D	0.09811378	0.01391926	conserved	conserved
INPP5E	0.12995969	0.07982246	conserved	conserved
INPP5F	1.02359448	0.47664245	conserved	conserved
INPP5J	0.05913478	0.04218029	conserved	conserved
INPP5K	0.36113954	0.13956204	conserved	conserved
INPPL1	1.13381482	0.32097978	conserved	conserved
INSC	0.0018708	0.02196663	conserved	conserved
INSIG1	0.36809887	1.21463475	conserved	conserved
INSIG2	0.18941876	0.44954631	conserved	conserved
INSM2	0	0.00363431	conserved	conserved
INSR	1.24306938	0.17244582	conserved	conserved
INTS12	0.19034218	0.1127525	conserved	conserved
INTS2	0.78091405	0.32144692	conserved	conserved
INTS3	0.89957386	0.25503996	conserved	conserved
INTS4	0.62902065	0.17974084	conserved	conserved
INTS7	0.27710003	0.17920168	conserved	conserved
INTS8	0.85224752	0.07353914	conserved	conserved
INTS9	0.84888473	0.07351809	conserved	conserved
INVS	1.94940705	0.19231672	monkey-NSC	conserved
IP6K1	1.02218634	0.45633068	conserved	conserved
IP6K2	0.52814654	0.65587722	conserved	conserved
IP6K3	0.00682973	0.00540289	conserved	conserved
IPCEF1	0.76647884	0.00379047	monkey-NSC	conserved
IPMK	0.46293237	0.15318966	conserved	conserved
IPO11	1.2649769	0.18266369	conserved	conserved
IPO13	0.10636652	0.19323554	conserved	conserved
IPO4	0.07513003	0.252165	conserved	conserved
IPO5	0.36389872	0.56632734	conserved	conserved
IPO7	0.42152897	0.54168805	conserved	conserved
IPO8	0.67482544	0.27975586	conserved	conserved
IPO9	1.08203323	0.33112383	conserved	conserved
IPP	0.44205038	0.05098657	conserved	conserved
IPPK	0.35711058	0.07186312	conserved	conserved
IQCB1	0.77170799	0.31728095	conserved	conserved
IQCC	0.02913733	0.42082448	conserved	conserved
IQCD	0.03903482	0.01094521	conserved	conserved
IQCF1	0.00302384	0	conserved	conserved

IQCF5	0	0	conserved	conserved
IQCG	0.25752478	0.05991032	conserved	conserved
IQCH	0.07183437	0.02615849	conserved	conserved
IQCK	3.33193795	0.09484038	conserved	conserved
IQGAP1	1.69104872	0.33335133	conserved	conserved
IQGAP2	0.57569238	0.14947808	conserved	conserved
IQGAP3	0.00227515	0.00511479	conserved	conserved
IQSEC1	1.23284696	0.50899665	conserved	conserved
IQSEC2	0.81628464	0.10906781	conserved	conserved
IQUB	0.35748716	0.05301094	conserved	conserved
IRAK1	0.08070333	0.46939863	conserved	conserved
IRAK1BP1	0.56204571	0.34182803	conserved	conserved
IRAK2	0.53128788	0.06081391	monkey-NSC	conserved
IRAK3	0.74473923	0	conserved	conserved
IRAK4	0.11326406	0.03603725	conserved	conserved
IREB2	0.62733447	0.31165314	conserved	conserved
IRF2	1.05939126	0.21619558	conserved	conserved
IRF3	0.05555032	0.45421408	conserved	conserved
IRF4	0.00148568	0	conserved	conserved
IRF5	0.02064931	0	conserved	conserved
IRF6	0.00696419	0	conserved	conserved
IRF7	0.01604215	0.00487526	conserved	conserved
IRF8	0.00694743	0.00919706	conserved	conserved
IRF9	0.13965005	0.10328385	conserved	conserved
IRS1	0.07232024	0.26301233	conserved	conserved
IRS4	0.00090465	0.00467569	conserved	conserved
IRX1	0.01118575	0	conserved	conserved
IRX2	0.0084504	0	conserved	conserved
IRX3	0.04527787	0	conserved	conserved
IRX4	0	0	conserved	conserved
IRX5	0.00080837	0	conserved	conserved
IRX6	0	0	conserved	conserved
ISCA2	0.04258299	0.71761425	conserved	conserved
ISG15	0.00539905	0.00465706	conserved	conserved
ISLR	0.00143689	0.43309512	conserved	conserved
ISLR2	0.05987583	0.16655084	conserved	conserved
ISM1	0.04911565	0	conserved	conserved
ISM2	0.01061181	0	conserved	conserved
ISOC1	0.09241994	0.57840899	mouse-RGL	conserved
ISYNA1	0.01151557	0.0942915	conserved	conserved
ITCH	1.50840286	0.47341317	conserved	conserved

ITFG1	4.38794747	0.78443965	conserved	conserved
ITFG2	1.33779367	0.31439235	conserved	conserved
ITGA1	0.01957211	0.01730533	conserved	conserved
ITGA11	0.21018129	0.00308903	conserved	conserved
ITGA2	0.1683432	0.00753346	conserved	conserved
ITGA2B	0.308264	0.04930908	conserved	conserved
ITGA3	0.04937836	0.01400936	conserved	conserved
ITGA4	0.04913796	0.00540289	conserved	conserved
ITGA6	2.20347656	0.39685541	monkey-NSC	conserved
ITGA8	0.90553888	0	monkey-NSC	monkey-NSC1-enriched
ITGA9	0.38934355	0.02638505	conserved	conserved
ITGAE	0.31075245	0.03098101	conserved	conserved
ITGAV	1.86382347	0.64118744	monkey-NSC	conserved
ITGB1	0.5062231	0.86322103	conserved	conserved
ITGB1BP2	0.01055594	0	conserved	conserved
ITGB4	4.29375834	0.00823473	monkey-NSC	monkey-NSC1-enriched
ITGB5	1.17299266	0.40917306	conserved	conserved
ITGB6	0.00469916	0	conserved	conserved
ITGB7	0.0130859	0	conserved	conserved
ITGB8	1.37745843	0.91979089	conserved	conserved
ITGBL1	0.10735692	0.00228669	conserved	conserved
ITIH1	0	0	conserved	conserved
ITIH2	0.01057042	0	conserved	conserved
ITIH3	0.00291527	1.26127979	conserved	conserved
ITIH4	0.00934186	0	conserved	conserved
ITIH5	0.03807854	0.16506807	conserved	conserved
ITK	0.0077186	0	conserved	conserved
ITLN1	0	0	conserved	conserved
ITM2A	0.01794071	0.11368535	conserved	conserved
ITM2B	1.33466082	10.6937879	conserved	conserved
ITM2C	0.98811069	2.3967232	conserved	conserved
ITPA	0.17845857	0.62936063	conserved	conserved
ITPK1	2.17737855	0.22205099	conserved	conserved
ITPKA	0.17245217	0.04209172	conserved	conserved
ITPKB	1.70359881	0.19810795	monkey-NSC	conserved
ITPR1	0.65875953	0.04693375	conserved	conserved
ITPR2	9.21045189	0.21436922	monkey-NSC	conserved
ITPR3	0.00646625	0	conserved	conserved
ITSN1	4.05470289	0.44367253	monkey-NSC	conserved
ITSN2	1.95916259	0.10161043	monkey-NSC	conserved
IVD	1.42119956	0.35517916	conserved	conserved

Gene	Value 1	Value 2	Status 1	Status 2
IVNS1ABP	0.23356859	0.84035226	conserved	conserved
IWS1	0.4408989	0.31697769	conserved	conserved
IYD	0.00168832	0.00322529	conserved	conserved
IZUMO1	0.0184666	0	conserved	conserved
IZUMO1R	0	0	conserved	conserved
IZUMO2	0.02069991	0	conserved	conserved
IZUMO4	0.07172497	0.25756899	conserved	conserved
JADE1	0.19275618	0.13030215	conserved	conserved
JADE3	0.20046927	0.02284178	conserved	conserved
JAG1	0.11158605	0.37740869	conserved	conserved
JAGN1	0.07140955	0.46928234	conserved	conserved
JAK1	0.90414262	0.66756455	conserved	conserved
JAK2	0.6163067	0.22290329	conserved	conserved
JAKMIP1	4.1255783	0.34330957	monkey-NSC	conserved
JAKMIP2	3.19045751	0.13699781	conserved	conserved
JAKMIP3	0.15578188	0.01371212	conserved	conserved
JAM2	0.73029137	0.48463002	conserved	conserved
JAM3	0.51166088	0.65127588	conserved	conserved
JARID2	4.71959371	0.41456197	monkey-NSC	conserved
JAZF1	0.63885193	0.00345505	conserved	conserved
JCHAIN	0.04433817	0	conserved	conserved
JDP2	0.35002813	0.00420598	conserved	conserved
JMJD1C	8.23270661	0.6611243	conserved	conserved
JMJD6	0.15755771	0.28201254	conserved	conserved
JMJD8	0.00481801	0.30248874	conserved	conserved
JMY	0.75974769	0.26419934	conserved	conserved
JOSD1	0.21099256	0.22316129	conserved	conserved
JOSD2	0.06334559	0.62570642	conserved	conserved
JRK	0.15409938	0.06711616	conserved	conserved
JRKL	0.02422244	0.105378	conserved	conserved
JUP	0.01197016	0.08977299	conserved	conserved
KALRN	11.7778986	0.21690398	conserved	conserved
KANK1	3.37239737	0.02460828	conserved	conserved
KANK2	0.39689053	0.08365664	conserved	conserved
KANSL1	4.43643015	0.41025633	conserved	conserved
KANSL2	0.32213489	0.87960285	conserved	conserved
KANSL3	0.86755474	0.3651682	conserved	conserved
KAT2B	3.049033	0.17358313	conserved	conserved
KAT5	0.17441311	0.25724861	conserved	conserved
KAT6A	1.98596771	0.30213663	conserved	conserved
KAT6B	4.13847977	0.8018429	conserved	conserved

KAT7	0.54192713	0.24056258	conserved	conserved
KAT8	0.22957916	0.14400334	conserved	conserved
KATNA1	0.410302	0.23154187	conserved	conserved
KATNAL1	0.75450313	0.26915663	conserved	conserved
KATNAL2	0.20196505	0.08024375	conserved	conserved
KATNB1	0.0663462	0.23271072	conserved	conserved
KATNBL1	1.84541008	0.52700634	conserved	conserved
KAZALD1	0.0060062	0.00269918	conserved	conserved
KBTBD12	2.0889014	0	monkey-NSC	monkey-NSC1-enriched
KBTBD2	0.21103899	0.23276702	conserved	conserved
KBTBD3	0.13556119	0.15894451	conserved	conserved
KBTBD4	0.06552765	0.18049981	conserved	conserved
KBTBD7	0.02218893	0.18549351	conserved	conserved
KCMF1	0.65729483	0.3397559	conserved	conserved
KCNA1	0.06796943	0.01364615	conserved	conserved
KCNA2	0.29660147	0.29419367	conserved	conserved
KCNA3	0.15343488	0	conserved	conserved
KCNAB1	0.84323443	0.11503691	conserved	conserved
KCNAB2	0.38281425	0.10299427	conserved	conserved
KCNAB3	0.02548934	0.00665548	conserved	conserved
KCNB1	0.44230695	0.28730414	conserved	conserved
KCNC1	0.13419681	0.13624658	conserved	conserved
KCNC2	1.96691143	0.01680827	monkey-NSC	conserved
KCNC4	0.14774717	0.01659061	conserved	conserved
KCND2	4.14437444	0.12320364	monkey-NSC	conserved
KCNE3	0.00217245	0	conserved	conserved
KCNE4	0.05619597	0.00742922	conserved	conserved
KCNG4	0.00626914	0	conserved	conserved
KCNH1	3.06729836	0	monkey-NSC	conserved
KCNH2	0.06101279	0.00574807	conserved	conserved
KCNH3	0.07624254	0.04274512	conserved	conserved
KCNH4	0.14370785	0	conserved	conserved
KCNH5	1.06221473	0.00248184	monkey-NSC	conserved
KCNH6	0.00602304	0	conserved	conserved
KCNH7	1.17163492	0.13537616	conserved	conserved
KCNH8	0.27524743	0	conserved	conserved
KCNIP1	4.24591826	0.41589475	conserved	conserved
KCNIP2	0.3449583	0.03454024	conserved	conserved
KCNIP4	18.6452419	0.0282524	monkey-NSC	conserved
KCNJ1	0.01665064	0	conserved	conserved
KCNJ14	0.03050715	0	conserved	conserved

KCNJ15	0	0	conserved	conserved
KCNJ16	0.05550098	0.2452748	conserved	conserved
KCNJ2	0.07731555	0	conserved	conserved
KCNJ3	1.99167538	0.03705051	monkey-NSC	conserved
KCNJ5	0.0016088	0	conserved	conserved
KCNJ6	1.31680776	0.00773101	conserved	conserved
KCNJ8	0.00828254	0	conserved	conserved
KCNK1	0.86550554	0.18294156	monkey-NSC	conserved
KCNK10	0.16822536	0.05869543	conserved	conserved
KCNK13	0.01400495	0.01564037	conserved	conserved
KCNK16	0	0	conserved	conserved
KCNK2	0.06991185	1.12025853	conserved	conserved
KCNK3	0.01675021	0.01192649	conserved	conserved
KCNK4	0.11789152	0	conserved	conserved
KCNK5	0.00276815	0.01083739	conserved	conserved
KCNK7	0.00074462	0.0201794	conserved	conserved
KCNK9	0.00868386	0	conserved	conserved
KCNMA1	2.05816007	0.01437341	monkey-NSC	conserved
KCNMB1	0.07920185	0	conserved	conserved
KCNMB3	0.13892811	0	conserved	conserved
KCNMB4	0.58602292	0.26388609	conserved	conserved
KCNN1	0.07561785	0.04744266	conserved	conserved
KCNN2	0.87939358	1.40724846	conserved	conserved
KCNN3	0.8107043	0.05681603	conserved	conserved
KCNN4	0.01997492	0.00105521	conserved	conserved
KCNQ1	0.05694761	0	conserved	conserved
KCNQ3	3.15092352	0.21618742	monkey-NSC	conserved
KCNQ4	0.06950348	0.09489538	conserved	conserved
KCNQ5	4.70581815	0.04079085	monkey-NSC	conserved
KCNRG	0.06351578	0	conserved	conserved
KCNS2	0.01243174	0	conserved	conserved
KCNS3	0.00964462	0.01288705	conserved	conserved
KCNT2	2.2330805	0.02314665	monkey-NSC	conserved
KCNU1	0.00075056	0.02709255	conserved	conserved
KCNV1	0.00288452	0	conserved	conserved
KCNV2	0.01137276	0	conserved	conserved
KCP	0.01755629	0.02509145	conserved	conserved
KCTD10	0.12900743	0.13139387	conserved	conserved
KCTD13	0.36710777	0.30896513	conserved	conserved
KCTD16	5.35461462	0	monkey-NSC	conserved
KCTD17	0.21414854	0.02456351	conserved	conserved

KCTD18	0.38834959	0.13850114	conserved	conserved
KCTD19	0.00440108	0	conserved	conserved
KCTD2	0.18046202	0.11242281	conserved	conserved
KCTD20	0.29256629	0.23199856	conserved	conserved
KCTD21	0.15731395	0.06200164	conserved	conserved
KCTD4	0.0056987	0.25560734	conserved	conserved
KCTD6	0.32209412	0.12731939	conserved	conserved
KCTD8	1.19105219	0.01746703	conserved	conserved
KCTD9	0.17639448	0.03085044	conserved	conserved
KDELR1	0.24230473	0.73724252	conserved	conserved
KDELR2	0.34003223	0.82573243	conserved	conserved
KDELR3	0.10621687	0.16232371	conserved	conserved
KDF1	0.00151387	0	conserved	conserved
KDM1A	0.91231653	0.30836166	conserved	conserved
KDM1B	0.64851575	0.08890442	conserved	conserved
KDM2A	3.55298677	0.40584348	conserved	conserved
KDM3A	0.58492614	0.20000764	conserved	conserved
KDM3B	2.02213331	0.31159144	conserved	conserved
KDM4B	1.11185548	0.16622161	conserved	conserved
KDM4C	3.91155099	0.094171	monkey-NSC	conserved
KDM4D	0.00210019	0.005721	conserved	conserved
KDM5A	1.19300804	0.68167781	conserved	conserved
KDM5B	0.89586949	0.64441142	conserved	conserved
KDM5C	0.33255056	0.13532028	conserved	conserved
KDM6A	3.04275865	0.16867656	conserved	conserved
KDM7A	0.74476179	0.35598146	conserved	conserved
KDM8	0.1062932	0.00466736	conserved	conserved
KDR	0.00760621	0.03210386	conserved	conserved
KDSR	0.53438855	0.52540202	conserved	conserved
KEAP1	0.14861284	0.48594728	conserved	conserved
KHDRBS1	0.46198357	1.27240965	conserved	conserved
KHDRBS3	1.50654025	0.34719036	conserved	conserved
KHNYN	0.18554723	0.02388195	conserved	conserved
KIDINS220	1.90963162	0.4882111	conserved	conserved
KIF11	0.01887723	0.00549617	conserved	conserved
KIF12	0.00222543	0	conserved	conserved
KIF13A	3.65960274	0.15758118	conserved	conserved
KIF13B	0.61318605	0.00286829	conserved	conserved
KIF14	0.05747119	0.00105521	conserved	conserved
KIF15	0.06195051	0.02524545	conserved	conserved
KIF18A	0.0065835	0.01938734	conserved	conserved

KIF18B	0.01818714	0	conserved	conserved
KIF1A	0.31488958	1.39140717	conserved	conserved
KIF1B	6.76039917	3.14533413	monkey-NSC	conserved
KIF1C	0.59601841	0.11543443	conserved	conserved
KIF20A	0	0.00499218	conserved	conserved
KIF20B	0.06986787	0.02571469	conserved	conserved
KIF21B	0.60320416	0.15280424	conserved	conserved
KIF22	0.16289392	0.09988581	conserved	conserved
KIF23	0.02041597	0	conserved	conserved
KIF24	0.15714716	0.00809958	conserved	conserved
KIF27	0.28963349	0.00605231	conserved	conserved
KIF2A	1.24654739	0.34657755	conserved	conserved
KIF2C	0.04006033	0.00696359	conserved	conserved
KIF3B	0.42142594	0.14394861	conserved	conserved
KIF3C	0.61265741	0.19609769	conserved	conserved
KIF5A	0.29040442	0.15975281	conserved	conserved
KIF5B	1.00952489	2.49535503	conserved	conserved
KIF5C	1.51536983	0.75299347	conserved	conserved
KIF6	0.60826442	0.02024089	conserved	conserved
KIF9	0.13237386	0.02164975	conserved	conserved
KIFAP3	1.91677546	0.70267468	conserved	conserved
KIFC2	0.00428924	0.13478826	conserved	conserved
KIFC3	1.29712761	0.18780141	monkey-NSC	conserved
KIN	0.20950202	0.25321061	conserved	conserved
KIRREL3	6.18299376	0.04232954	conserved	conserved
KIZ	0.98358806	0.2088627	conserved	conserved
KL	0.01591828	0	conserved	conserved
KLB	0.04551595	0	conserved	conserved
KLC2	0.33531276	0.19537762	conserved	conserved
KLC3	0.0032006	0.01836881	conserved	conserved
KLC4	0.39287427	0.1337848	conserved	conserved
KLF1	0.00287505	0.01631877	conserved	conserved
KLF10	0.03043684	0.18719265	conserved	conserved
KLF11	0.06336347	0.07869671	conserved	conserved
KLF12	3.1737431	0.00670849	conserved	conserved
KLF15	0.85930743	0.34925841	conserved	conserved
KLF17	0	0	conserved	conserved
KLF3	0.47973828	0.96850083	conserved	conserved
KLF4	0.00513166	1.07341442	mouse-RGL	conserved
KLF6	0.11018372	1.37404609	mouse-RGL	conserved
KLF7	1.24759312	1.29703459	conserved	conserved

KLF8	0.13477651	0.00590494	conserved	conserved
KLHDC1	1.02938943	0.17336541	conserved	conserved
KLHDC10	1.64656817	0.355958	conserved	conserved
KLHDC2	0.72000423	1.3811514	conserved	conserved
KLHDC3	0.15861766	0.52769519	conserved	conserved
KLHDC4	0.4043134	0.05843101	conserved	conserved
KLHDC8A	0.03680506	0.08851428	conserved	conserved
KLHDC8B	0.32687579	0.70570127	conserved	conserved
KLHDC9	0.01771663	0.10298002	conserved	conserved
KLHL1	0.29334571	0	conserved	conserved
KLHL10	0.02131945	0.00431325	conserved	conserved
KLHL11	0.03301958	0.02103858	conserved	conserved
KLHL13	0.21151496	0.21864605	conserved	conserved
KLHL14	0.00231116	0	conserved	conserved
KLHL15	0.16645387	0.08646578	conserved	conserved
KLHL2	1.98818097	0.13401527	conserved	conserved
KLHL20	0.47749021	0.15048298	conserved	conserved
KLHL21	0.08596776	0.04611551	conserved	conserved
KLHL25	0.16446035	0.2213478	conserved	conserved
KLHL28	0.60046167	0.06776834	conserved	conserved
KLHL29	0.95092583	0.01693939	conserved	conserved
KLHL3	0.59861941	0.01553431	conserved	conserved
KLHL30	0.00285954	0	conserved	conserved
KLHL32	2.1723943	0.11851225	monkey-NSC	conserved
KLHL38	0	0	conserved	conserved
KLHL4	0.27861511	0	conserved	conserved
KLHL40	0.00190003	0.02457403	conserved	conserved
KLHL42	0.33701162	0.08668698	conserved	conserved
KLHL5	1.55358362	1.24597129	conserved	conserved
KLHL7	1.42014991	0.3919459	conserved	conserved
KLHL8	0.90949791	0.19892538	conserved	conserved
KLHL9	0.14129773	0.99798202	conserved	conserved
KLK12	0	0	conserved	conserved
KLK15	0.00205181	0	conserved	conserved
KLK4	0.00207794	0	conserved	conserved
KLK5	0.0059153	0	conserved	conserved
KLK8	0.00126437	0.01569697	conserved	conserved
KLKB1	0.05617368	0.00319182	conserved	conserved
KLRD1	0.04222787	0	conserved	conserved
KLRG1	0.01466287	0	conserved	conserved
KMO	0.00972917	0	conserved	conserved

KMT2C	6.65568696	0.91502309	conserved	conserved
KMT2E	2.44393994	1.49894971	conserved	conserved
KNCN	0.00170409	0	conserved	conserved
KNOP1	0.1760547	0.98700081	conserved	conserved
KNTC1	0.05365711	0.01039746	conserved	conserved
KPNA1	0.92138258	0.37850125	conserved	conserved
KPNA3	1.18909764	0.47276276	conserved	conserved
KPNA4	0.84769275	0.46107516	conserved	conserved
KPNA6	0.64273394	0.14267339	conserved	conserved
KPNA7	0.01547885	0	conserved	conserved
KPNB1	0.90885381	0.79916269	conserved	conserved
KPTN	0.11906853	0.14690681	conserved	conserved
KRAS	0.47835888	0.87871766	conserved	conserved
KRBA1	0.1387651	0.1315115	conserved	conserved
KRCC1	0.11479027	1.44438181	mouse-RGL	conserved
KREMEN1	0.95897809	0.13636657	conserved	conserved
KRI1	0.08995453	0.13280131	conserved	conserved
KRR1	0.08757502	0.25147308	conserved	conserved
KRT1	0	0.13994523	conserved	conserved
KRT10	0.12582661	1.21812354	conserved	conserved
KRT12	0.00180798	0	conserved	conserved
KRT16	0	0	conserved	conserved
KRT20	0.01348377	0	conserved	conserved
KRT23	0.00423352	0	conserved	conserved
KRT24	0.00184128	0	conserved	conserved
KRT26	0.00135934	0	conserved	conserved
KRT27	0	0	conserved	conserved
KRT28	0.00404197	0.0060223	conserved	conserved
KRT32	0	0	conserved	conserved
KRT35	0	0	conserved	conserved
KRT39	0.01029203	0	conserved	conserved
KRT40	0.00197716	0	conserved	conserved
KRT7	0	0	conserved	conserved
KRT73	0	0	conserved	conserved
KRT75	0	0	conserved	conserved
KRT77	0	0	conserved	conserved
KRT78	0	0	conserved	conserved
KRT79	0	0	conserved	conserved
KRT80	0	0	conserved	conserved
KRT82	0	0	conserved	conserved
KRT84	0	0	conserved	conserved

KRTCAP2	0.08455753	2.74715824	mouse-RGL	conserved
KRTCAP3	0.01502743	0.00322465	conserved	conserved
KSR1	0.97411642	0.0521764	conserved	conserved
KSR2	1.01859766	0.02625535	conserved	conserved
KTN1	2.42737268	1.48041078	conserved	conserved
KY	0.05812964	0.02461727	conserved	conserved
KYNU	0.05561196	0	conserved	conserved
L1CAM	0.07751846	0.02739663	conserved	conserved
L1TD1	0	0	conserved	conserved
L2HGDH	0.25407218	0.11930762	conserved	conserved
L3MBTL2	0.3459652	0.11062551	conserved	conserved
L3MBTL3	0.20632184	0.29410019	conserved	conserved
L3MBTL4	5.8995575	0	monkey-NSC	conserved
LACTB	0.13669903	0.13198712	conserved	conserved
LACTB2	0.1367818	0.08558133	conserved	conserved
LACTBL1	0	0	conserved	conserved
LALBA	0	0	conserved	conserved
LAMA2	0.27278104	0.28976692	conserved	conserved
LAMA3	1.48792134	0	monkey-NSC	monkey-NSC1-enriched
LAMA4	0.44277761	0.03758838	conserved	conserved
LAMB1	0.17469347	0.00933023	conserved	conserved
LAMB2	0.2874902	0.34235093	conserved	conserved
LAMB3	0.02379066	0.00622746	conserved	conserved
LAMC1	0.54860752	0.21939027	conserved	conserved
LAMC2	0.00908298	0.00248665	conserved	conserved
LAMC3	0.03406634	0	conserved	conserved
LAMP1	0.283065	4.29899046	conserved	conserved
LAMP5	0.08664778	0.00551831	conserved	conserved
LAMTOR1	0.33261235	1.93906824	conserved	conserved
LAMTOR2	0.05094596	2.65934315	mouse-RGL	conserved
LAMTOR3	0.14751064	0.2821138	conserved	conserved
LAMTOR4	0.13709476	1.90212484	mouse-RGL	conserved
LANCL2	0.85058828	0.13141983	conserved	conserved
LANCL3	0.01891928	0.02616838	conserved	conserved
LAP3	0.25714923	0.75984927	conserved	conserved
LAPTM4A	0.79031061	4.02063514	conserved	conserved
LAPTM4B	0.2912299	0.13554873	conserved	conserved
LAPTM5	0.01487593	0.02875777	conserved	conserved
LARP1	0.89928176	0.25868846	conserved	conserved
LARP1B	1.05106994	0.17341186	conserved	conserved
LARP4	2.73865118	0.36956711	monkey-NSC	conserved

LARP4B	0.7508691	0.84929906	conserved	conserved
LARP6	0.02920036	0.04829439	conserved	conserved
LARS2	0.54920434	0.03671307	conserved	conserved
LAS1L	0.26087883	0.43358177	conserved	conserved
LASP1	0.38082235	0.77399706	conserved	conserved
LAT2	0.02026363	0.01121989	conserved	conserved
LATS1	0.98747546	0.31301491	conserved	conserved
LAX1	0.00567049	0	conserved	conserved
LAYN	0.01218998	0.05651518	conserved	conserved
LBP	0.00509155	0.01875644	conserved	conserved
LBR	0.21780929	0.19297945	conserved	conserved
LBX2	0	0.00723397	conserved	conserved
LCA5	0.23242561	0.1469538	conserved	conserved
LCA5L	0.29104947	0.10441357	conserved	conserved
LCK	0.02206037	0.02145153	conserved	conserved
LCLAT1	0.75681171	0.0779689	conserved	conserved
LCMT1	2.06746271	0.47043659	conserved	conserved
LCN10	0	0	conserved	conserved
LCN8	0	0	conserved	conserved
LCN9	0.01720236	0	conserved	conserved
LCP1	0.01865886	0.01692079	conserved	conserved
LCP2	0.03794382	0	conserved	conserved
LCT	0.00894257	0.01053417	conserved	conserved
LCTL	0.00572645	0	conserved	conserved
LDAH	1.79791221	0.27802576	conserved	conserved
LDB1	0.19847304	0.30785964	conserved	conserved
LDB2	2.36098182	0.0703469	conserved	conserved
LDB3	0.10324156	0.00331874	conserved	conserved
LDHC	0.04211417	0	conserved	conserved
LDHD	0.12277718	0.03979549	conserved	conserved
LDLR	0.41830973	0.10423532	conserved	conserved
LDLRAD1	0.01081988	0	conserved	conserved
LDLRAD2	0.0034201	0	conserved	conserved
LDLRAD3	1.0221216	0.57965896	conserved	conserved
LDLRAD4	3.2686567	0.00908805	monkey-NSC	conserved
LDOC1	0.04104251	0.00467077	conserved	conserved
LECT2	0.00087361	0	conserved	conserved
LEF1	0.03605675	0.54340037	conserved	conserved
LEMD1	0.0669234	0.02782896	conserved	conserved
LEMD2	0.31772582	0.14187779	conserved	conserved
LEMD3	0.56074878	0.13079587	conserved	conserved

LENG1	0.22601377	0.25475359	conserved	conserved
LENG8	0.97276669	0.82150423	conserved	conserved
LEO1	0.23133333	0.16901723	conserved	conserved
LEP	0.00130309	0	conserved	conserved
LEPR	0.15232819	0.01634752	conserved	conserved
LEPROT	0.24125998	0.41779211	conserved	conserved
LEPROTL1	0.1682475	0.41021153	conserved	conserved
LETM1	0.32338131	0.52739366	conserved	conserved
LETM2	0.30250643	0.11096714	conserved	conserved
LETMD1	0.56053984	0.28824358	conserved	conserved
LEXM	0.00267233	0	conserved	conserved
LFNG	0.94623591	1.16223934	conserved	conserved
LGALS12	0.0009705	0	conserved	conserved
LGALS3	0.0410136	0.32987111	conserved	conserved
LGALS3BP	0.02707246	0.0486391	conserved	conserved
LGALS8	0.25611759	0.13504689	conserved	conserved
LGI1	3.45373245	0.52005929	monkey-NSC	conserved
LGI2	0.01238833	0.00777188	conserved	conserved
LGI3	0.03649404	0.04794967	conserved	conserved
LGI4	1.93794349	0.20272571	monkey-NSC	conserved
LGMN	0.27262657	0.39754973	conserved	conserved
LGR4	2.6917079	0.73908008	monkey-NSC	conserved
LGR5	0.06965847	0	conserved	conserved
LGR6	0.12738528	0.01465991	conserved	conserved
LHFPL1	0.23438359	0	conserved	conserved
LHFPL2	0.30748117	0.42471886	conserved	conserved
LHFPL3	2.96461195	0.0173922	monkey-NSC	conserved
LHFPL5	0.02186313	0	conserved	conserved
LHPP	1.21256339	0.218664	conserved	conserved
LHX1	0	0.00327811	conserved	conserved
LHX2	1.77354627	4.16559588	conserved	conserved
LHX3	0	0	conserved	conserved
LHX6	0.01916698	0.01496523	conserved	conserved
LHX8	0	0	conserved	conserved
LHX9	0.00993951	0.48878156	conserved	conserved
LIAS	0.34531804	0.38725601	conserved	conserved
LIF	0	0.00866721	conserved	conserved
LIFR	4.27904929	0.20329069	monkey-NSC	conserved
LIG1	0.05508443	0.36048276	conserved	conserved
LIG3	0.09569706	0.18812155	conserved	conserved
LIG4	0.05318851	0.06950716	conserved	conserved

LIMD1	0.32718898	0.53023664	conserved	conserved
LIMD2	0.07642282	1.14463238	mouse-RGL	conserved
LIMK1	0.36102339	0.14423998	conserved	conserved
LIMK2	0.59956364	0.27691287	conserved	conserved
LIMS2	0.0258548	0.02461029	conserved	conserved
LIN28B	0.05087952	0	conserved	conserved
LIN54	0.46141467	0.11960655	conserved	conserved
LIN7A	0.3035257	0.0255974	conserved	conserved
LIN7C	0.13967044	0.80251059	conserved	conserved
LIN9	0.1037801	0.06516777	conserved	conserved
LINGO1	0.08431489	0.14412601	conserved	conserved
LINGO4	0	0.00871753	conserved	conserved
LINS1	0.11347998	0.0810675	conserved	conserved
LIPA	0.3445156	0.06761148	conserved	conserved
LIPC	0.05664285	0	conserved	conserved
LIPE	0.27809969	0.23352799	conserved	conserved
LIPF	0	0	conserved	conserved
LIPG	0.04852241	0.05479025	conserved	conserved
LIPI	0.0099112	0	conserved	conserved
LIPK	0	0	conserved	conserved
LIPM	0.00939405	0	conserved	conserved
LIPN	0.0115766	0	conserved	conserved
LIPT2	0.00644184	0.13691711	conserved	conserved
LIX1	0.08953183	1.73232916	conserved	conserved
LIX1L	0.32415041	0.34497493	conserved	conserved
LLGL1	0.13281674	0.37512931	conserved	conserved
LLGL2	0.06099354	0.00823413	conserved	conserved
LLPH	0.05179234	1.16691489	mouse-RGL	conserved
LMAN1	0.17571808	0.344429	conserved	conserved
LMAN2L	0.27741568	0.35564256	conserved	conserved
LMBR1	1.04130396	0.18986278	conserved	conserved
LMBR1L	0.16082561	0.12667769	conserved	conserved
LMBRD1	1.84775338	0.89450797	monkey-NSC	conserved
LMBRD2	0.32321235	0.02352868	conserved	conserved
LMCD1	0.02945775	0.38543065	conserved	conserved
LMF1	1.88591872	0.08626759	monkey-NSC	conserved
LMLN	0.32104013	0.03812497	conserved	conserved
LMNA	0.26696214	0.21393166	conserved	conserved
LMNB1	0.0895651	0.69819009	conserved	conserved
LMNB2	0.04457631	0.12207803	conserved	conserved
LMNTD1	1.92295332	0.00366614	monkey-NSC	monkey-NSC1-enriched

LMNTD2	0.00142437	0	conserved	conserved
LMO1	0.17199813	0.06166788	conserved	conserved
LMO2	0.69382452	0.02179155	conserved	conserved
LMO3	2.11968653	0.27287661	conserved	conserved
LMO4	0.55051285	0.63085299	conserved	conserved
LMO7	0.48464754	0.11504204	conserved	conserved
LMOD1	0.07004822	0	conserved	conserved
LMOD2	0.00091101	0	conserved	conserved
LMOD3	0.00345133	0	conserved	conserved
LMX1A	0.00639631	0.06199457	conserved	conserved
LMX1B	0.00249201	0	conserved	conserved
LNPEP	0.67243604	0.02717594	conserved	conserved
LNX1	0.15591209	0.0296408	conserved	conserved
LONP2	3.50242265	0.24447565	conserved	conserved
LONRF2	1.05100631	0.29783246	conserved	conserved
LONRF3	0.48685902	0.02184622	conserved	conserved
LOXL1	0.05809633	0.40511301	conserved	conserved
LOXL3	0.36595962	0.09975508	conserved	conserved
LPAR2	0.00610738	0.03337529	conserved	conserved
LPAR3	0.89710618	0.01076047	conserved	conserved
LPAR4	0.02644272	0.25619884	conserved	conserved
LPCAT2	0.07338196	0.00769208	conserved	conserved
LPCAT3	0.70061749	0.36972368	conserved	conserved
LPCAT4	1.01374214	0.02794597	conserved	conserved
LPGAT1	1.17128893	0.14206071	conserved	conserved
LPIN1	0.95809195	0.15911044	conserved	conserved
LPIN2	0.6526294	0.30918565	conserved	conserved
LPIN3	0.00213992	0.0083627	conserved	conserved
LPO	0.00534283	0	conserved	conserved
LPP	5.70666404	0.36667508	conserved	conserved
LPXN	0.03738663	0.00230804	conserved	conserved
LRAT	0	0.00304243	conserved	conserved
LRCH1	1.17314204	0.04227507	conserved	conserved
LRCH3	1.92766525	0.16944287	conserved	conserved
LRFN2	0.07046244	0.00427452	conserved	conserved
LRFN4	0.22484703	0.47076291	conserved	conserved
LRFN5	0.8789871	0.02160801	conserved	conserved
LRG1	0.0015148	0	conserved	conserved
LRIF1	0.11945519	0.29625987	conserved	conserved
LRIG1	7.5742334	0.30970638	monkey-NSC	conserved
LRIG2	0.9063572	0.11998545	conserved	conserved

LRIG3	0.19617286	0.020864	conserved	conserved
LRIT1	0.00331386	0	conserved	conserved
LRIT2	0	0	conserved	conserved
LRIT3	0.00377299	0	conserved	conserved
LRP1	2.7239252	0.98057364	monkey-NSC	conserved
LRP10	0.09520758	0.40325706	conserved	conserved
LRP12	0.47554837	0.08509353	conserved	conserved
LRP1B	37.3894913	0.20030414	conserved	conserved
LRP2	0.01152332	0.00739998	conserved	conserved
LRP4	2.06118592	0.67416992	conserved	conserved
LRP6	2.20507629	0.40384719	conserved	conserved
LRP8	0.49045038	0.45428445	conserved	conserved
LRPAP1	0.33389152	0.78806246	conserved	conserved
LRR1	0.01549723	0.05675641	conserved	conserved
LRRC15	0	0	conserved	conserved
LRRC17	0.0488917	0	conserved	conserved
LRRC18	0.00102866	0	conserved	conserved
LRRC19	0.14210942	0	conserved	conserved
LRRC20	0.16330781	0.04998791	conserved	conserved
LRRC23	0.04769589	0.06572079	conserved	conserved
LRRC25	0.02125707	0	conserved	conserved
LRRC27	0.35582298	0.03946509	conserved	conserved
LRRC28	1.77542393	0.14624113	conserved	conserved
LRRC3	0.03309146	0.04378877	conserved	conserved
LRRC31	0.00718011	0	conserved	conserved
LRRC32	0.00117406	0	conserved	conserved
LRRC34	0.15046102	0.00212349	conserved	conserved
LRRC36	0.04161911	0.00650838	conserved	conserved
LRRC39	0.18216001	0	conserved	conserved
LRRC3B	1.54395366	0.00288001	monkey-NSC	monkey-NSC1-enriched
LRRC3C	0.00093769	0	conserved	conserved
LRRC4	0.16403261	0.0555366	conserved	conserved
LRRC40	0.35338298	0.17037473	conserved	conserved
LRRC41	0.62251504	0.1750151	conserved	conserved
LRRC42	0.09487935	0.22134163	conserved	conserved
LRRC43	0.11493968	0	conserved	conserved
LRRC46	0.00195995	0.0173773	conserved	conserved
LRRC47	0.07975159	0.24960707	conserved	conserved
LRRC49	1.21326301	0.23587381	conserved	conserved
LRRC4C	1.72771886	0.28119009	monkey-NSC	conserved
LRRC52	0.00716913	0	conserved	conserved

LRRC56	0.01735403	0.02470823	conserved	conserved
LRRC58	0.34119971	1.84120747	conserved	conserved
LRRC6	0.29112946	0.01527222	conserved	conserved
LRRC61	0.02973603	0.12639187	conserved	conserved
LRRC63	0.0291291	0.00258829	conserved	conserved
LRRC66	0.1181464	0	conserved	conserved
LRRC7	6.46768704	0.19411052	conserved	conserved
LRRC74A	0.01446083	0	conserved	conserved
LRRC75A	0.28099789	0.03332208	conserved	conserved
LRRC75B	0.10137615	0.12703457	conserved	conserved
LRRC8B	0.32251903	0.26574069	conserved	conserved
LRRC8C	0.46766355	0.18475539	conserved	conserved
LRRC8E	0.00207104	0.00974252	conserved	conserved
LRRC9	0.13255516	0	conserved	conserved
LRRCC1	0.34087136	0.29231603	conserved	conserved
LRRD1	0.02189146	0.00482669	conserved	conserved
LRRFIP2	1.20272877	0.34579887	conserved	conserved
LRRIQ3	0.35152148	0.01051682	conserved	conserved
LRRIQ4	0.00748613	0	conserved	conserved
LRRK1	0.05248349	0.10793082	conserved	conserved
LRRK2	0.30975816	0.0754415	conserved	conserved
LRRN1	0.47209345	0.22392461	conserved	conserved
LRRN2	0.57652358	0.07105041	conserved	conserved
LRRN4CL	0	0.00707579	conserved	conserved
LRRTM1	0.00726723	0.03876005	conserved	conserved
LRRTM2	0.03148418	0.28072811	conserved	conserved
LRRTM3	1.65239243	0.01343309	conserved	conserved
LRRTM4	7.49269217	0.0156026	monkey-NSC1	monkey-NSC1-enriched
LRSAM1	0.58545364	0.08798977	conserved	conserved
LRTM1	0.06231637	0.02504446	conserved	conserved
LRWD1	0.01771257	0.12247052	conserved	conserved
LSAMP	47.3034825	2.03695433	monkey-NSC1	conserved
LSG1	0.18834266	0.25871146	conserved	conserved
LSM10	0.01710898	0.53638228	conserved	conserved
LSM12	0.34317332	0.47739813	conserved	conserved
LSM14B	0.11338439	0.23998833	conserved	conserved
LSM4	0.10529441	2.04945839	conserved	conserved
LSM7	0.10353398	0.99686198	conserved	conserved
LSM8	0.10760514	1.20079997	mouse-RGL	conserved
LSP1	0	0.04006941	conserved	conserved
LSR	0.09933945	0.0140724	conserved	conserved

LSS	0.63007518	0.18642227	conserved	conserved
LTA	0	0.00379047	conserved	conserved
LTA4H	0.23394943	0.13497291	conserved	conserved
LTB	0.00687679	0.00252326	conserved	conserved
LTBP1	2.26475166	0.48807287	conserved	conserved
LTBP2	0.06650257	0.01822634	conserved	conserved
LTBP3	0.92308595	0.28929936	conserved	conserved
LTBR	0.26180409	0.14414638	conserved	conserved
LTF	0.00134892	0	conserved	conserved
LTK	0.00772641	0.00849541	conserved	conserved
LTN1	0.7750061	0.14859641	conserved	conserved
LUC7L	1.79292505	0.79543663	conserved	conserved
LUC7L3	3.00344883	2.66108186	conserved	conserved
LUM	0.0006565	0.00647758	conserved	conserved
LURAP1	0.25850462	0.04017684	conserved	conserved
LURAP1L	0.07854377	0.02531696	conserved	conserved
LUZP1	0.99283102	0.25192879	conserved	conserved
LUZP2	20.701355	1.39810392	monkey-NSC	conserved
LVRN	0.04585107	0	conserved	conserved
LXN	0.02035607	2.8559343	conserved	conserved
LY6G6C	0.00703749	0	conserved	conserved
LY6H	0.49406945	1.13919082	mouse-RGL	conserved
LY6K	0.00159638	0	conserved	conserved
LY96	0.00275049	0.03950605	conserved	conserved
LYAR	0.07866546	0.57290703	conserved	conserved
LYG2	0.00225481	0	conserved	conserved
LYL1	0.0068199	0.00346922	conserved	conserved
LYN	0.66508017	0.1878144	conserved	conserved
LYPD4	0	0	conserved	conserved
LYPD6	0.36009413	0.05825046	conserved	conserved
LYPD6B	0.3813304	0.00598722	conserved	conserved
LYPLA2	0.07361573	0.32907931	conserved	conserved
LYPLAL1	0.76680422	0.21057514	conserved	conserved
LYRM2	0.22964742	0.59682783	conserved	conserved
LYRM7	0.18840131	0.03769271	conserved	conserved
LYSMD2	0.16063301	0.84666874	conserved	conserved
LYSMD3	0.07309405	0.1710523	conserved	conserved
LYSMD4	0.04388801	0.14027431	conserved	conserved
LYST	1.40459883	0.02233226	conserved	conserved
LYVE1	0.13875887	0	conserved	conserved
LYZL4	0	0	conserved	conserved

LYZL6	0	0	conserved	conserved
LZIC	0.19395685	0.44886692	conserved	conserved
LZTFL1	0.21542383	0.5447032	conserved	conserved
LZTR1	0.20293638	0.24109524	conserved	conserved
LZTS1	0.07824753	0.30887505	conserved	conserved
LZTS2	0.32273416	0.44115877	conserved	conserved
LZTS3	0.15333665	0.01339834	conserved	conserved
M1AP	0.0277835	0	conserved	conserved
M6PR	0.13530761	0.4992335	conserved	conserved
MAB21L1	0	0	conserved	conserved
MAB21L2	0	0	conserved	conserved
MAB21L3	0.02617246	0	conserved	conserved
MACC1	0.0932418	0	conserved	conserved
MACF1	22.887148	1.59570467	monkey-NSC	conserved
MACROD2	16.8769014	0.27110021	monkey-NSC	conserved
MAD1L1	0.8225829	0.07820988	conserved	conserved
MAD2L1BP	0.03061203	0.08648064	conserved	conserved
MAD2L2	0.03049057	0.96291974	mouse-RGL	conserved
MADCAM1	0.00204826	0	conserved	conserved
MADD	0.60921837	0.1148109	conserved	conserved
MAEA	0.35646353	0.28602156	conserved	conserved
MAEL	0.02871023	0	conserved	conserved
MAF1	0.11514392	1.45714305	mouse-RGL	conserved
MAFF	0.12648406	0.10686535	conserved	conserved
MAFG	0.47156333	0.4696066	conserved	conserved
MAFK	0.00869816	0.04039872	conserved	conserved
MAGI1	5.14004234	0.89564485	conserved	conserved
MAGI2	28.8804347	0.32385222	conserved	conserved
MAGI3	1.59164947	0.10087456	monkey-NSC	conserved
MAGIX	0.00576999	0	conserved	conserved
MAGT1	0.36369443	0.90695129	conserved	conserved
MAK	0.07851092	0.00509608	conserved	conserved
MAK16	0.07482323	0.33948184	conserved	conserved
MAL	0.04454059	0.0448866	conserved	conserved
MAL2	0.12759436	0.01443073	conserved	conserved
MALL	0.00555094	0	conserved	conserved
MALRD1	0.223963	0	conserved	conserved
MALSU1	0.24632839	0.45421492	conserved	conserved
MALT1	0.83712265	0.01676971	conserved	conserved
MAMDC2	0.38852866	0.22713238	conserved	conserved
MAML1	0.42812849	0.10169556	conserved	conserved

MAML2	15.7816849	0.55737593	conserved	conserved
MAML3	1.20853001	0.08898503	conserved	conserved
MAMLD1	1.21696282	0.02696737	conserved	conserved
MAN1B1	0.51088597	0.28796661	conserved	conserved
MAN1C1	0.63231065	0.01626444	conserved	conserved
MAN2A1	1.47876239	0.02493774	monkey-NSC	conserved
MAN2A2	0.44886709	0.4049717	conserved	conserved
MAN2B2	0.0744221	0.0408296	conserved	conserved
MAN2C1	0.39929587	0.13640623	conserved	conserved
MANBA	0.40542738	0.02229895	conserved	conserved
MANEA	0.23624517	0.44270214	conserved	conserved
MANEAL	0.06209075	0.08364729	conserved	conserved
MANF	0.03701998	1.90112521	mouse-RGL	conserved
MANSC1	0.1131352	0.05917486	conserved	conserved
MAOA	0.23655944	0.19185808	conserved	conserved
MAP1A	0.9145643	0.21864027	conserved	conserved
MAP1B	2.55580324	2.56249451	mouse-RGL	conserved
MAP1LC3A	0.10955909	3.51766556	mouse-RGL	conserved
MAP2	4.9569228	1.72401313	conserved	conserved
MAP2K1	1.45491788	0.40041037	conserved	conserved
MAP2K3	0.07241057	0.18420579	conserved	conserved
MAP2K4	2.21072473	0.20518435	conserved	conserved
MAP2K5	2.45070097	0.3133398	conserved	conserved
MAP2K6	0.67640534	0.24123168	conserved	conserved
MAP3K1	0.56786761	0.3384487	conserved	conserved
MAP3K13	1.03204615	0	conserved	conserved
MAP3K14	0.76589792	0.0799018	conserved	conserved
MAP3K19	0.09031658	0.00785477	conserved	conserved
MAP3K2	0.73192815	0.19241364	conserved	conserved
MAP3K3	0.74192328	0.05115916	conserved	conserved
MAP3K4	0.92813078	0.18499626	conserved	conserved
MAP3K6	0.03466949	0.0106975	conserved	conserved
MAP3K7	0.6027192	0.26397203	conserved	conserved
MAP3K9	0.29080049	0.00399064	conserved	conserved
MAP4K2	0.22714311	0.19830971	conserved	conserved
MAP4K4	9.95656011	1.25705457	conserved	conserved
MAP4K5	1.91202965	0.21285614	conserved	conserved
MAP6	0.88583553	0.09344688	conserved	conserved
MAP9	0.42852307	0.24627148	conserved	conserved
MAPK1	2.04617589	1.19183929	conserved	conserved
MAPK10	6.80580977	0.1592853	monkey-NSC	conserved

MAPK11	0.32175041	0.04225797	conserved	conserved
MAPK12	0.29530927	0.02979142	conserved	conserved
MAPK13	0.03814937	0	conserved	conserved
MAPK15	0.00251196	0.05363413	conserved	conserved
MAPK3	0.20756678	0.56548282	conserved	conserved
MAPK7	0.01716833	0.35477252	conserved	conserved
MAPK8	0.10821925	0.38782971	conserved	conserved
MAPK8IP1	0.02389484	1.15999957	mouse-RGL	conserved
MAPK8IP3	1.74328711	0.45277991	conserved	conserved
MAPK9	0.92798387	0.23113529	conserved	conserved
MAPKAP1	1.73285575	0.63876566	conserved	conserved
MAPKAPK2	0.390504	0.17027371	conserved	conserved
MAPKAPK3	0.20064776	0.01826374	conserved	conserved
MAPKBP1	0.96956913	0.08397436	conserved	conserved
MAPRE2	1.64482375	0.74039422	conserved	conserved
MAPRE3	0.07679828	0.24722102	conserved	conserved
MARCKSL1	0.16915023	11.7581143	mouse-RGL	conserved
MARCO	0.00114824	0	conserved	conserved
MARF1	0.64573796	0.6072725	conserved	conserved
MARK1	2.48332672	0.1129674	conserved	conserved
MARK2	0.93310209	0.37817584	conserved	conserved
MARK3	4.53872985	0.61077941	monkey-NSC	conserved
MARS2	0.00460586	0.18089283	conserved	conserved
MARVELD2	0.02521803	0.02864138	conserved	conserved
MAS1	0	0.00823413	conserved	conserved
MASP1	0.32725251	0	conserved	conserved
MASP2	0.10688035	0.02063185	conserved	conserved
MAST2	1.79958905	0.17827761	conserved	conserved
MAST3	0.27847469	0.1317379	conserved	conserved
MAST4	6.75892816	0.32303771	conserved	conserved
MASTL	0.07276638	0.05778575	conserved	conserved
MAT1A	0.00499821	0	conserved	conserved
MAT2A	1.62404541	2.11708554	conserved	conserved
MATK	0.08621504	0.15272169	conserved	conserved
MATN2	0.54909161	0.00587665	conserved	conserved
MATN3	0.01634465	0	conserved	conserved
MAU2	0.63523575	0.51952638	conserved	conserved
MAVS	0.7542581	0.14454097	conserved	conserved
MAX	0.58310359	0.85377452	conserved	conserved
MB	0	0	conserved	conserved
MB21D2	0.89392753	0.11294439	conserved	conserved

MBD1	0.19491089	0.19060023	conserved	conserved
MBD2	0.56269471	0.17299275	conserved	conserved
MBD3	0.32981798	2.09095169	mouse-RGL	conserved
MBD5	1.18535699	0.12383872	conserved	conserved
MBD6	0.22682257	0.15737457	conserved	conserved
MBIP	0.65628419	0.35291974	conserved	conserved
MBL2	0	0	conserved	conserved
MBLAC2	0.04621035	0.11482465	conserved	conserved
MBNL1	2.18638953	0.51530545	conserved	conserved
MBNL2	3.32188651	0.939488	conserved	conserved
MBNL3	0.04631818	0.00230804	conserved	conserved
MBOAT1	0.05069186	0.00876118	conserved	conserved
MBOAT2	2.31167364	0.11751692	conserved	conserved
MBTD1	2.18960855	0.90842745	conserved	conserved
MBTPS1	0.86946812	0.29769113	conserved	conserved
MC4R	0	0.00573816	conserved	conserved
MCAM	0.01866207	0.01147794	conserved	conserved
MCAT	0.05153245	0.27699114	conserved	conserved
MCC	6.82141007	0.18191743	monkey-NSC	conserved
MCCC1	1.51040605	0.21728889	conserved	conserved
MCCC2	0.53896341	0.26123416	conserved	conserved
MCEMP1	0	0	conserved	conserved
MCF2	0.0988463	0.00146763	conserved	conserved
MCF2L	0.45678151	0.23598988	conserved	conserved
MCFD2	0.20961013	0.21835027	conserved	conserved
MCHR1	0.00320646	0.00849626	conserved	conserved
MCIDAS	0	0	conserved	conserved
MCL1	0.04464708	0.53375043	conserved	conserved
MCM10	0.01572789	0.03505404	conserved	conserved
MCM2	0.01127261	0.21832959	conserved	conserved
MCM3	0.0117805	0.24979507	conserved	conserved
MCM3AP	0.73055817	0.08130231	conserved	conserved
MCM4	0.13591769	0.28860053	conserved	conserved
MCM5	0.01613332	0.21926992	conserved	conserved
MCM6	0.0965788	0.47709346	conserved	conserved
MCM7	0.0328246	0.56518426	conserved	conserved
MCMBP	0.24268592	0.69316082	conserved	conserved
MCOLN1	0.13640701	0.07246509	conserved	conserved
MCOLN2	0.00246552	0	conserved	conserved
MCOLN3	0.01276796	0	conserved	conserved
MCPH1	1.1884894	0.03073679	monkey-NSC	conserved

MCRS1	0.09417418	1.16584362	mouse-RGL	conserved
MCTP1	3.46978	0.08216055	conserved	conserved
MCTP2	0.00090106	0	conserved	conserved
MCU	1.32191207	0.16555299	monkey-NSC	conserved
MCUR1	1.20600027	0.31417637	conserved	conserved
MDC1	0.27402859	0.09126323	conserved	conserved
MDFI	0.10664152	0.0890077	conserved	conserved
MDFIC	0.155991	0.12855327	conserved	conserved
MDGA1	0.18973115	0.03487962	conserved	conserved
MDGA2	4.49703918	0.12685705	monkey-NSC	conserved
MDH1	0.93067123	1.36009973	conserved	conserved
MDH1B	0.28454267	0	conserved	conserved
MDH2	0.18508729	2.35167506	conserved	conserved
MDM1	0.15805811	0.05146991	conserved	conserved
MDM2	0.58678304	0.43244001	conserved	conserved
MDM4	1.02819773	0.43511943	conserved	conserved
MDN1	0.93596871	0.1562178	conserved	conserved
ME1	1.51229226	0.25547753	monkey-NSC	conserved
ME2	0.59795967	0.15193481	conserved	conserved
ME3	0.57012111	0.08044625	conserved	conserved
MEA1	0.04617632	1.07800999	mouse-RGL	conserved
MECOM	0.05340232	0	conserved	conserved
MECP2	1.17149777	0.37366696	conserved	conserved
MECR	0.25280402	0.26164784	conserved	conserved
MED1	0.50483978	0.47579163	conserved	conserved
MED11	0.0509101	0.10226135	conserved	conserved
MED12	0.18680126	0.16262633	conserved	conserved
MED12L	5.10484981	0.0991158	monkey-NSC	conserved
MED13	3.09169788	0.57138248	conserved	conserved
MED13L	5.93331919	0.43788113	conserved	conserved
MED14	0.49592677	0.14718785	conserved	conserved
MED15	0.68404902	0.18411216	conserved	conserved
MED16	0.12202163	0.1452611	conserved	conserved
MED17	0.28267191	0.2601719	conserved	conserved
MED19	0.15643705	0.81338509	conserved	conserved
MED21	0.21119037	1.31714288	mouse-RGL	conserved
MED23	0.67480514	0.1260453	conserved	conserved
MED25	0.24720374	1.16535307	conserved	conserved
MED27	1.92796281	0.17763637	monkey-NSC	conserved
MED28	0.0951699	1.76637057	mouse-RGL	conserved
MED30	0.11213571	0.46858751	conserved	conserved

MED31	0.13869128	0.49356274	conserved	conserved
MED4	0.16977007	0.45962527	conserved	conserved
MED6	0.25568117	0.18661168	conserved	conserved
MED7	0.05728105	0.58414995	conserved	conserved
MED8	0.19031487	0.44482341	conserved	conserved
MED9	0.09035475	0.64638696	conserved	conserved
MEDAG	0	0	conserved	conserved
MEF2A	2.51460427	0.26978619	monkey-NSC	conserved
MEF2C	1.89105437	0.33720728	conserved	conserved
MEF2D	0.38929835	0.19762753	conserved	conserved
MEFV	0.01567171	0	conserved	conserved
MEGF10	4.34942758	0.28764947	monkey-NSC	conserved
MEGF11	0.40711049	0.08196259	conserved	conserved
MEGF6	0.00897284	0.01484931	conserved	conserved
MEGF8	0.43034957	0.1332742	conserved	conserved
MEGF9	1.34454067	0.338531	conserved	conserved
MEI1	0.11966333	0	conserved	conserved
MEI4	0.36118841	0	conserved	conserved
MEIG1	0.12663776	0.02796962	conserved	conserved
MEIOB	0.19487137	0	conserved	conserved
MEIOC	0.02430119	0	conserved	conserved
MEIS1	0.67687043	0.01811241	conserved	conserved
MEIS2	2.67982578	0.61608464	monkey-NSC	conserved
MEIS3	0.38457025	0.23089769	conserved	conserved
MELK	0.03065167	0.00352134	conserved	conserved
MEOX2	0.01452638	0.00115849	conserved	conserved
MEP1B	0.03130456	0	conserved	conserved
MEPCE	0.09096805	0.18895698	conserved	conserved
MEPE	0.00640066	0	conserved	conserved
MERTK	4.0845709	0.12892071	monkey-NSC	conserved
MESP1	0.00329529	0	conserved	conserved
MESP2	0.02383946	0.02428223	conserved	conserved
MET	0.05656487	0	conserved	conserved
METAP1	0.42246779	0.21549683	conserved	conserved
METAP1D	0.6229644	0.25360287	conserved	conserved
METAP2	0.75662606	1.97855052	conserved	conserved
METRNL	0.0581374	0.13919754	conserved	conserved
METTL1	0.00809442	0.56604845	conserved	conserved
METTL14	0.24448324	0.10533636	conserved	conserved
METTL15	1.48227528	0.15214729	conserved	conserved
METTL16	1.00115045	0.36758613	conserved	conserved

METTL17	0.11245618	0.11706635	conserved	conserved
METTL18	0.0326437	0.07779451	conserved	conserved
METTL22	0.20311954	0.25367841	conserved	conserved
METTL25	0.64582986	0.06159942	conserved	conserved
METTL4	0.38018471	0.02368433	conserved	conserved
METTL6	0.36174911	0.26233489	conserved	conserved
METTL9	0.98378778	2.0598868	conserved	conserved
MEX3B	0.01406764	0.14221785	conserved	conserved
MEX3C	0.20473983	0.38098719	conserved	conserved
MFAP2	0.00749589	1.00047375	conserved	conserved
MFAP3	0.21999538	0.35675187	conserved	conserved
MFAP3L	1.28432736	0.57725355	monkey-NSC	conserved
MFAP4	0.00109309	0.51150385	conserved	conserved
MFAP5	0.07161464	0.00252326	conserved	conserved
MFGE8	4.35410267	6.54434246	monkey-NSC	conserved
MFHAS1	3.66720018	0.22431684	conserved	conserved
MFN1	3.48344122	0.38723524	conserved	conserved
MFN2	0.1973819	0.13913583	conserved	conserved
MFNG	0.00380545	0.04858848	conserved	conserved
MFRP	0.0071165	0	conserved	conserved
MFSD1	0.32850462	0.23505608	conserved	conserved
MFSD11	0.80471797	0.25921398	conserved	conserved
MFSD12	0.12247162	0.03987167	conserved	conserved
MFSD2A	0.01183404	0.05779816	conserved	conserved
MFSD2B	0.00462996	0	conserved	conserved
MFSD5	0.02536543	0.16377257	conserved	conserved
MFSD6	0.2682139	0.09482949	conserved	conserved
MFSD8	0.54482805	0.14556392	conserved	conserved
MGA	1.58048381	0.57271215	conserved	conserved
MGAM	0.05711581	0	conserved	conserved
MGARP	0.01485763	0.00638927	conserved	conserved
MGAT1	0.15566996	0.31554434	conserved	conserved
MGAT3	0.32639131	0.1058308	conserved	conserved
MGAT4A	0.5014259	0.01572108	conserved	conserved
MGAT4B	0.19773789	0.1768391	conserved	conserved
MGAT4C	0.2517224	0.00811147	conserved	conserved
MGAT4D	0.06932822	0	conserved	conserved
MGAT5	1.1517717	0.27945104	conserved	conserved
MGAT5B	0.08402997	0.03595214	conserved	conserved
MGLL	3.39217066	2.07299795	monkey-NSC	conserved
MGME1	0.23201617	0.12797731	conserved	conserved

Gene	Value 1	Value 2	Col 3	Col 4
MGMT	1.106034	0.04157182	conserved	conserved
MGP	0.00451308	0.0127843	conserved	conserved
MGRN1	0.48816596	0.42715323	conserved	conserved
MGST1	0.23812124	0.90080528	conserved	conserved
MGST2	0.05357274	0	conserved	conserved
MGST3	0.61619858	0.40876481	conserved	conserved
MIA3	0.4933048	0.46113778	conserved	conserved
MIB2	0.24223465	0.19456238	conserved	conserved
MICAL1	0.02250135	0.17239965	conserved	conserved
MICAL2	0.20738361	0.1677448	conserved	conserved
MICALL2	0.16254794	0.00919691	conserved	conserved
MICU1	1.21919675	0.3811335	conserved	conserved
MICU2	1.41684538	0.23088616	conserved	conserved
MICU3	0.93828179	0.27433865	conserved	conserved
MID1	1.48606978	0.50161107	conserved	conserved
MID2	0.28438309	0.10948038	conserved	conserved
MIDN	0.02352139	0.42639691	conserved	conserved
MIEF1	0.36662783	0.08560106	conserved	conserved
MIEF2	0.04518278	0.06182198	conserved	conserved
MIER1	1.06137118	0.75621604	conserved	conserved
MIER2	0.24931472	0.17075031	conserved	conserved
MIER3	0.17856937	0.20268345	conserved	conserved
MIIP	0.27521141	0.25748517	conserved	conserved
MILR1	0.02209852	0.08169702	conserved	conserved
MINK1	1.98200373	0.23841966	conserved	conserved
MIOS	0.33799234	0.1033552	conserved	conserved
MIOX	0	0	conserved	conserved
MIPEP	1.03642645	0.16346633	conserved	conserved
MIPOL1	1.70513412	0.14895446	monkey-NSC	conserved
MIS12	0.06349082	0.16535869	conserved	conserved
MIS18A	0.06617003	0.15695001	conserved	conserved
MIS18BP1	0.53991142	0.01812694	conserved	conserved
MISP	0.01181452	0	conserved	conserved
MITD1	0.14357864	0.2200297	conserved	conserved
MITF	1.07244669	0.02260013	conserved	conserved
MKI67	0.00212427	0.0523644	conserved	conserved
MKKS	0.24313255	0.59998614	conserved	conserved
MKLN1	4.96256267	0.93745916	conserved	conserved
MKNK1	0.44278352	0.18113989	conserved	conserved
MKNK2	0.41976658	0.11243249	conserved	conserved
MKRN1	0.12961018	0.73289669	conserved	conserved

MKRN2	0.39610712	0.28768789	conserved	conserved
MKRN2OS	0.00998029	0.00308903	conserved	conserved
MKS1	0.11437531	0.15569797	conserved	conserved
MKX	0.04057572	0.02322666	conserved	conserved
MLC1	2.26886253	2.94194611	conserved	conserved
MLF1	0.20870255	0.06354355	conserved	conserved
MLF2	0.27412612	3.22728012	mouse-RGL	conserved
MLH1	0.20885992	0.08795929	conserved	conserved
MLH3	0.79286	0.11233049	conserved	conserved
MLLT1	0.5282116	0.18171147	conserved	conserved
MLLT10	5.34322998	0.61795692	conserved	conserved
MLLT3	5.8665498	0.58766653	conserved	conserved
MLLT6	0.42154832	0.29684936	conserved	conserved
MLPH	0.0108655	0	conserved	conserved
MLST8	0.08864859	0.12445876	conserved	conserved
MLX	0.08258711	0.22840769	conserved	conserved
MLXIP	0.52016002	0.05723073	conserved	conserved
MMAA	0.15326127	0.12458639	conserved	conserved
MMAB	0.51395579	0.22256839	conserved	conserved
MMACHC	0.03136482	0.10291234	conserved	conserved
MMADHC	0.13892621	0.47911138	conserved	conserved
MMD	0.35263733	0.80517312	conserved	conserved
MMD2	12.0695658	8.85231646	monkey-NSC	conserved
MME	0.01206805	0.04767443	conserved	conserved
MMEL1	0.00331415	0	conserved	conserved
MMP11	0.02047419	0.01621745	conserved	conserved
MMP12	0	0	conserved	conserved
MMP13	0	0	conserved	conserved
MMP14	0.05203886	0.62145511	conserved	conserved
MMP15	0.11023787	0.17491405	conserved	conserved
MMP16	2.28871892	0.20957648	conserved	conserved
MMP17	0.09280758	0.02278313	conserved	conserved
MMP2	0.00285081	0.00905896	conserved	conserved
MMP20	0.03264546	0	conserved	conserved
MMP21	0.00912408	0	conserved	conserved
MMP24	0.22796729	0.01077027	conserved	conserved
MMP27	0.00614641	0	conserved	conserved
MMP28	0.16949183	0	conserved	conserved
MMP3	0.00402265	0	conserved	conserved
MMP7	0.00353503	0	conserved	conserved
MMP8	0	0	conserved	conserved

MMP9	0.02695839	0	conserved	conserved
MMRN1	0.01197494	0	conserved	conserved
MMS19	0.50307196	0.1303248	conserved	conserved
MMS22L	0.47906266	0.10160398	conserved	conserved
MNAT1	2.20803172	0.31372632	conserved	conserved
MNS1	0.04160611	0.07495907	conserved	conserved
MOAP1	0.03618688	0	conserved	conserved
MOBP	0.23314652	0.03898792	conserved	conserved
MOCOS	0.06965747	0.01062062	conserved	conserved
MOCS1	0.08010532	0.06178776	conserved	conserved
MOG	0.28900743	0.01311546	conserved	conserved
MOGAT1	0.01686356	0.00737011	conserved	conserved
MOGAT2	0.00709189	0	conserved	conserved
MOK	1.84459297	0.1940474	monkey-NSC	conserved
MON1A	0.33032311	0.09190432	conserved	conserved
MON1B	0.05939599	0.1198015	conserved	conserved
MON2	2.15995837	0.20174686	conserved	conserved
MORC3	0.77825515	0.17188686	conserved	conserved
MORN1	0.24481081	0.11300513	conserved	conserved
MORN2	0.14310251	0.57803605	conserved	conserved
MORN3	0.06818808	0	conserved	conserved
MORN4	0.1371487	0.27097704	conserved	conserved
MORN5	0.00862989	0.039277	conserved	conserved
MOS	0	0	conserved	conserved
MOSPD2	0.20175557	0.20268213	conserved	conserved
MOSPD3	0.04520589	0.36233635	conserved	conserved
MOV10L1	0.37364694	0	conserved	conserved
MOXD1	2.13201635	0.00354285	monkey-NSC	conserved
MPC1	0.40796332	3.50716002	mouse-RGL	conserved
MPDU1	0.16932434	0.54042891	conserved	conserved
MPDZ	2.00846085	0.26892045	conserved	conserved
MPHOSPH10	0.29273058	0.22985451	conserved	conserved
MPHOSPH8	0.85267713	1.03474087	conserved	conserved
MPHOSPH9	0.82905	0.16590825	conserved	conserved
MPL	0.01004177	0	conserved	conserved
MPND	0.09200525	1.04740164	conserved	conserved
MPO	0.009291	0	conserved	conserved
MPP2	0.44347888	0.16656735	conserved	conserved
MPP3	0.14539348	0.06300094	conserved	conserved
MPP4	0.13298426	0.00133335	conserved	conserved
MPP5	0.62819516	0.43514176	conserved	conserved

MPP6	2.19293672	0.39752301	conserved	conserved
MPP7	0.36502978	0.04064191	conserved	conserved
MPPED2	2.81355772	1.00295429	conserved	conserved
MPV17	0.51603923	1.11054997	conserved	conserved
MPZ	0.00860508	0.003838	conserved	conserved
MPZL1	1.07777909	0.75279091	conserved	conserved
MR1	0.20988537	0.50120728	conserved	conserved
MRAP	0.01489302	0	conserved	conserved
MRAS	1.32223402	1.03210174	conserved	conserved
MRC2	0.07953339	0.01024548	conserved	conserved
MRGBP	0.0810868	0.33115391	conserved	conserved
MRGPRF	0.00411126	0	conserved	conserved
MRI1	0.09148024	0.14970914	conserved	conserved
MRO	0.16124424	0.7258938	conserved	conserved
MROH1	0.7522347	0.12223075	conserved	conserved
MROH2A	0.00497315	0	conserved	conserved
MROH2B	0.02011851	0	conserved	conserved
MROH5	0.00384074	0.003489	conserved	conserved
MROH8	0.31349123	0	conserved	conserved
MROH9	0.00443185	0	conserved	conserved
MRPL11	0.07859981	1.20278531	mouse-RGL	conserved
MRPL13	0.15009305	0.83569139	conserved	conserved
MRPL15	0.22006257	0.71237373	conserved	conserved
MRPL17	0.07974542	1.79538162	mouse-RGL	conserved
MRPL19	0.19532306	0.40963752	conserved	conserved
MRPL21	0.04522091	0.91795949	conserved	conserved
MRPL22	0.19605619	0.42703735	conserved	conserved
MRPL24	0.02626882	1.02158873	conserved	conserved
MRPL28	0.01020113	1.59860004	mouse-RGL	conserved
MRPL3	0.38747732	0.54491325	conserved	conserved
MRPL35	0.15993323	0.49947031	conserved	conserved
MRPL37	0.14754805	0.34830398	conserved	conserved
MRPL39	0.81057324	0.34439863	conserved	conserved
MRPL4	0.19958086	0.70177955	conserved	conserved
MRPL42	0.26844944	2.31513363	conserved	conserved
MRPL44	0.0571351	0.12852248	conserved	conserved
MRPL46	0.07599056	0.32127856	conserved	conserved
MRPL52	0.07660183	3.02172322	mouse-RGL	conserved
MRPL54	0.08302151	1.25065143	mouse-RGL	conserved
MRPL57	0.02775215	1.2022632	mouse-RGL	conserved
MRPL9	0.03937655	0.31458177	conserved	conserved

MRPS11	0.20074851	1.02642659	conserved	conserved
MRPS16	0.23189779	1.27298124	conserved	conserved
MRPS18A	0.17339094	1.01456195	conserved	conserved
MRPS18B	0.13091476	0.31086301	conserved	conserved
MRPS2	0	0.18753456	conserved	conserved
MRPS23	0.0906517	0.63178497	mouse-RGL	conserved
MRPS25	0.2683811	0.64777641	conserved	conserved
MRPS27	0.44412634	0.07241568	conserved	conserved
MRPS30	0.02849838	0.33408324	conserved	conserved
MRPS31	0.63664134	0.13136182	conserved	conserved
MRPS34	0.03991175	0.89214727	conserved	conserved
MRPS6	0.14365073	1.03570316	mouse-RGL	conserved
MRPS7	0.11710813	0.89713797	mouse-RGL	conserved
MRPS9	0.5020898	0.4839783	conserved	conserved
MRRF	0.5493658	0.2707555	conserved	conserved
MRS2	0.15949118	0.0445223	conserved	conserved
MS4A1	0.00155639	0	conserved	conserved
MS4A13	0.00253138	0	conserved	conserved
MS4A14	0.00104247	0	conserved	conserved
MS4A15	0.00243159	0	conserved	conserved
MS4A18	0.00090465	0	conserved	conserved
MS4A2	0.00112884	0	conserved	conserved
MS4A5	0.00692411	0	conserved	conserved
MS4A7	0.04074563	0	conserved	conserved
MSANTD1	0.02383003	0	conserved	conserved
MSANTD4	0.11844767	0.35613618	conserved	conserved
MSC	0.00360179	0.02194081	conserved	conserved
MSH2	0.26660673	0.15993053	conserved	conserved
MSH3	1.6847802	0.25809729	conserved	conserved
MSH4	0.03139101	0	conserved	conserved
MSH6	0.23798106	0.13638607	conserved	conserved
MSI1	0.45614992	1.18671761	conserved	conserved
MSL1	0.77242014	0.58945017	conserved	conserved
MSL2	0.7295901	0.29337733	conserved	conserved
MSMB	0	0	conserved	conserved
MSMO1	0.90039352	1.74162851	conserved	conserved
MSN	0.25159683	0.74473659	conserved	conserved
MSR1	0.02149035	0	conserved	conserved
MSRB2	0.28373556	0.20739407	conserved	conserved
MSRB3	1.73089788	0.0079021	conserved	conserved
MST1R	0.59881628	0	conserved	conserved

MSTN	0	0.00381636	conserved	conserved
MT4	0.00126386	0	conserved	conserved
MTA1	0.59476913	0.47816907	conserved	conserved
MTA2	0.03759311	0.54096273	conserved	conserved
MTA3	1.4609182	0.10117458	conserved	conserved
MTBP	0.15069458	0.069694	conserved	conserved
MTCH2	1.72164343	1.73842363	conserved	conserved
MTCL1	0.35690065	0.03838566	conserved	conserved
MTCP1	0.01090873	0.00859922	conserved	conserved
MTDH	1.6504327	2.03540839	conserved	conserved
MTERF2	0.26846311	0.11627865	conserved	conserved
MTERF3	0.10454265	0.20878047	conserved	conserved
MTERF4	0.24753387	0.11804054	conserved	conserved
MTF1	0.34519851	0.19066698	conserved	conserved
MTF2	0.82862075	0.44624849	conserved	conserved
MTFR1	0.1475444	0.22292991	conserved	conserved
MTFR1L	0.12314398	1.29768855	mouse-RGL	conserved
MTG2	0.71604116	0.33367395	conserved	conserved
MTHFD1L	0.81603982	0.01684182	conserved	conserved
MTHFD2	0.02720728	0.20317234	conserved	conserved
MTHFD2L	0.39533592	0.75386497	conserved	conserved
MTHFR	0.22064668	0.04641032	conserved	conserved
MTHFSD	0.50724974	0.27755737	conserved	conserved
MTIF2	0.41690011	0.29566849	conserved	conserved
MTIF3	0.33627706	0.09837553	conserved	conserved
MTMR10	1.63660272	0.21083368	monkey-NSC	conserved
MTMR11	0.0286873	0.07308623	conserved	conserved
MTMR12	0.81141462	0.0734587	conserved	conserved
MTMR14	0.49724502	0.10197072	conserved	conserved
MTMR2	0.55103725	0.30445425	conserved	conserved
MTMR3	2.46933113	0.15849415	monkey-NSC	conserved
MTMR4	0.42795945	0.19468278	conserved	conserved
MTMR6	0.51501683	0.31534955	conserved	conserved
MTMR7	1.04883178	0.02814156	conserved	conserved
MTMR9	0.3011281	0.04531032	conserved	conserved
MTNR1A	0.00708123	0	conserved	conserved
MTO1	0.29953527	0.13870039	conserved	conserved
MTOR	1.0620649	0.1921136	conserved	conserved
MTPAP	0.43542962	0.19568932	conserved	conserved
MTPN	0.44493386	1.78196193	conserved	conserved
MTR	0.688436	0.03097183	conserved	conserved

MTRR	0.25183544	0.06033262	conserved	conserved
MTSS1	2.14171384	0.5803615	conserved	conserved
MTTP	0.05015111	0.39847924	conserved	conserved
MTURN	0.19828385	0.26147161	conserved	conserved
MTUS1	1.59942837	0.15995119	conserved	conserved
MTUS2	0.63280742	0.02281647	conserved	conserved
MTX2	0.84632412	0.68121906	conserved	conserved
MTX3	0.08334056	0.1255831	conserved	conserved
MUC15	0.01167768	0	conserved	conserved
MUC20	0	0	conserved	conserved
MUL1	0.16900653	0.17623047	conserved	conserved
MUS81	0.27826357	0.23015029	conserved	conserved
MUSK	0.06444324	0	conserved	conserved
MVB12A	0.54876415	0.32694203	conserved	conserved
MVB12B	1.95166365	0.24235645	conserved	conserved
MVD	0.22521046	0.50724263	conserved	conserved
MVK	0.13370601	0.5510841	conserved	conserved
MVP	0.38902159	0.10127384	conserved	conserved
MXD1	0.05968664	0.14868685	conserved	conserved
MXI1	2.92167868	0.35576025	conserved	conserved
MYADM	0.02925427	0.04567458	conserved	conserved
MYADML2	0	0	conserved	conserved
MYBBP1A	0.11852261	0.27824733	conserved	conserved
MYBL1	0.02309073	0	conserved	conserved
MYBL2	0.00474586	0.02039523	conserved	conserved
MYBPC1	2.57253369	0.01117593	monkey-NSC	conserved
MYBPC2	0.06861016	0	conserved	conserved
MYBPC3	0	0	conserved	conserved
MYBPH	0.0009391	0.00995341	conserved	conserved
MYC	0.00911207	0.02194923	conserved	conserved
MYCBP2	5.77268541	1.19272583	conserved	conserved
MYCBPAP	0.38362812	0	conserved	conserved
MYCL	0.01402222	0.20641095	conserved	conserved
MYCT1	0.00436665	0	conserved	conserved
MYD88	0.01133173	0.03150033	conserved	conserved
MYDGF	0.17816973	1.15364865	conserved	conserved
MYF6	0.0008741	0	conserved	conserved
MYH10	1.23538662	0.39774231	conserved	conserved
MYH11	0.09389303	0.0072089	conserved	conserved
MYH13	0.01592558	0	conserved	conserved
MYH15	0.04010283	0	conserved	conserved

MYH7	0.00582974	0.07229604	conserved	conserved
MYH9	0.40947345	0.0420239	conserved	conserved
MYL10	0	0	conserved	conserved
MYL2	0	0.02775551	conserved	conserved
MYL3	0.001976	0	conserved	conserved
MYL6B	0.11596003	0.13522904	conserved	conserved
MYL7	0.00222306	0	conserved	conserved
MYL9	0.0050949	2.72468604	conserved	conserved
MYLIP	0.10091764	0.01143775	conserved	conserved
MYLK	1.00329915	0.00865542	monkey-NSC	monkey-NSC1-enriched
MYLK2	0	0	conserved	conserved
MYLK4	0.03781645	0	conserved	conserved
MYLPF	0.0013548	0.01837334	conserved	conserved
MYNN	0.22837037	0.3431281	conserved	conserved
MYO18A	1.36462418	0.39621714	conserved	conserved
MYO18B	0.04826283	0	conserved	conserved
MYO19	0.1597873	0.0347987	conserved	conserved
MYO1A	0.04188844	0.00642178	conserved	conserved
MYO1B	0.0682603	0.02381583	conserved	conserved
MYO1C	0.05601913	0.04838921	conserved	conserved
MYO1D	0.78043575	0	conserved	conserved
MYO1E	1.48254872	0.1124374	conserved	conserved
MYO1G	0.0099358	0.01425551	conserved	conserved
MYO3A	0.03084514	0	conserved	conserved
MYO3B	0.09384658	0	conserved	conserved
MYO5A	2.01667273	0.17919645	monkey-NSC	conserved
MYO5C	0.1125452	0	conserved	conserved
MYO6	3.4505043	0.63986932	conserved	conserved
MYO7A	0.02715489	0	conserved	conserved
MYO9A	3.45549532	0.25014968	conserved	conserved
MYOC	0	0.00841624	conserved	conserved
MYOCD	0.01084502	0.00850607	conserved	conserved
MYOD1	0	0	conserved	conserved
MYOF	0.03664055	0	conserved	conserved
MYOG	0.00112272	0	conserved	conserved
MYOM1	1.17845821	0.00415835	monkey-NSC	conserved
MYOM2	0.53056992	0	conserved	conserved
MYOM3	0.00228581	0.09049664	conserved	conserved
MYOZ1	0.00679305	0.00525704	conserved	conserved
MYOZ2	0.04638107	0.00774305	conserved	conserved
MYOZ3	0.01650631	0	conserved	conserved

MYPN	0.02982218	0.00115849	conserved	conserved
MYRF	0.03828637	0	conserved	conserved
MYRFL	0.01759934	0	conserved	conserved
MYRIP	2.30550392	0.0494624	monkey-NSC	conserved
MYSM1	0.68170417	0.45831301	conserved	conserved
N4BP1	0.94423738	0.23633713	conserved	conserved
N4BP2L2	2.61612965	1.17726368	conserved	conserved
N4BP3	0	0.07694297	conserved	conserved
N6AMT1	0.09016079	0.42302566	conserved	conserved
NAA10	0.19168781	0.72827414	conserved	conserved
NAA15	0.94065698	0.71845334	conserved	conserved
NAA16	0.58498186	0.20070021	conserved	conserved
NAA25	1.16588941	0.15292923	conserved	conserved
NAA30	0.18093127	0.2395019	conserved	conserved
NAA35	1.11259783	0.6024331	conserved	conserved
NAA38	0.19433576	1.30818788	mouse-RGL	conserved
NAA40	0.08639616	0.23741204	conserved	conserved
NAA50	0.45608126	1.39156137	conserved	conserved
NAA60	0.69519548	0.25267052	conserved	conserved
NAAA	0.2620149	0.86265551	conserved	conserved
NAALAD2	1.01380174	0	conserved	conserved
NAALADL2	7.13579136	0.00969688	monkey-NSC	conserved
NAB1	0.44772672	0.24974669	conserved	conserved
NAB2	0.0898812	0.0621898	conserved	conserved
NABP1	0.02775687	0.06173208	conserved	conserved
NACAD	0.01222819	0.04887171	conserved	conserved
NACC1	0.06793221	0.36700152	conserved	conserved
NACC2	1.89381204	0.76040421	monkey-NSC	conserved
NADK	0.35093112	1.11878549	conserved	conserved
NADK2	1.24845171	0.49563551	monkey-NSC	conserved
NADSYN1	0.21570419	0.03523816	conserved	conserved
NAE1	0.46328674	0.48272317	conserved	conserved
NAGA	0.01043638	0.1278875	conserved	conserved
NAGK	0.32702645	0.51094389	conserved	conserved
NAGLU	0.24657572	0.02433963	conserved	conserved
NAGPA	0.10979174	0.07433131	conserved	conserved
NAGS	0.00351596	0	conserved	conserved
NALCN	2.80409034	0.03408511	monkey-NSC	conserved
NAMPT	0.3350754	0.39064121	conserved	conserved
NANOS3	0.00132419	0.12402838	conserved	conserved
NANP	0.07288149	0.00787915	conserved	conserved

NANS	0.0468795	0.34923095	conserved	conserved
NAPA	0.44827474	0.9321197	conserved	conserved
NAPB	0.93737374	0.16684701	conserved	conserved
NAPEPLD	1.08288376	0.02685709	monkey-NSC	conserved
NAPRT	0.00145574	0.26619466	conserved	conserved
NARF	0.20446163	0.13876705	conserved	conserved
NARS2	0.6864148	0.16643252	conserved	conserved
NAT10	0.3712312	0.09384531	conserved	conserved
NAT9	0.30243652	0.26135144	conserved	conserved
NAV1	1.78032981	1.64964051	conserved	conserved
NAV2	9.64019045	0.80213123	conserved	conserved
NAV3	2.41968598	0.03945624	monkey-NSC	conserved
NBAS	2.13268281	0.0901438	monkey-NSC	conserved
NBEA	9.41156364	0.26306599	monkey-NSC	conserved
NBEAL1	1.46157107	0.3654483	conserved	conserved
NBEAL2	0.05635245	0.01485288	conserved	conserved
NBN	0.43983285	0.09316161	conserved	conserved
NBR1	0.934286	0.47915497	conserved	conserved
NCALD	0.59858985	0.55078239	conserved	conserved
NCAM1	15.1570459	2.04468231	conserved	conserved
NCAM2	20.980118	0.14148538	conserved	conserved
NCAPD2	0.12601118	0.10323988	conserved	conserved
NCAPD3	0.66668855	0.15971529	conserved	conserved
NCAPG	0.0059482	0.02520629	conserved	conserved
NCAPG2	0.16139849	0.0521648	conserved	conserved
NCAPH	0.01040335	0.06738185	conserved	conserved
NCAPH2	0.20627776	0.56062334	conserved	conserved
NCBP1	0.72980364	0.19611956	conserved	conserved
NCBP2	0.19437434	0.56759075	conserved	conserved
NCDN	0.34860001	0.51958953	conserved	conserved
NCEH1	1.54580275	0.06944396	monkey-NSC	conserved
NCF1	0.04725321	0.00816786	conserved	conserved
NCF2	0.01181425	0	conserved	conserved
NCF4	0.00163503	0	conserved	conserved
NCK2	0.60905564	0.02143391	conserved	conserved
NCKAP1	4.02443844	0.75072705	conserved	conserved
NCKAP5	13.3888219	0.45301811	conserved	conserved
NCKAP5L	0.87798589	0.04597534	conserved	conserved
NCKIPSD	0.06256066	0.07386306	conserved	conserved
NCL	0.36930696	2.6176252	mouse-RGL	conserved
NCLN	0.13298747	0.2995141	conserved	conserved

NCOA1	6.33978878	0.69763045	conserved	conserved
NCOA2	3.08684762	0.25794841	monkey-NSC	conserved
NCOA3	0.36270684	0.11005754	conserved	conserved
NCOA4	0.22675687	0.01201038	conserved	conserved
NCOA5	0.39950295	0.20927521	conserved	conserved
NCOA6	2.02275097	0.32324695	conserved	conserved
NCOA7	1.11456596	0.192219	conserved	conserved
NCOR1	4.94522369	1.84928777	conserved	conserved
NCR1	0.00310366	0	conserved	conserved
NCSTN	0.18368005	0.18888473	conserved	conserved
NDC1	0.35145762	0.16360059	conserved	conserved
NDC80	0.0119059	0.00105521	conserved	conserved
NDE1	0.46087714	0.40575563	conserved	conserved
NDEL1	0.19158915	0.38982838	conserved	conserved
NDFIP1	1.56783608	0.16045798	conserved	conserved
NDFIP2	0.34705289	0.9195345	conserved	conserved
NDNF	0.03180401	0.02308912	conserved	conserved
NDRG1	0.38176876	0.03449156	conserved	conserved
NDRG2	2.80655778	5.87569835	monkey-NSC	conserved
NDRG4	1.2069782	0.190443	conserved	conserved
NDST3	0.48541826	0.00643937	conserved	conserved
NDST4	0.1329725	0	conserved	conserved
NDUFA1	0.09207071	2.15538196	conserved	conserved
NDUFA10	0.91699853	1.77251761	conserved	conserved
NDUFA12	0.37206622	3.45278909	conserved	conserved
NDUFA4L2	0.00790708	0.00616843	conserved	conserved
NDUFA5	0.32690033	3.05741922	conserved	conserved
NDUFAF1	0.13416478	0.24898908	conserved	conserved
NDUFAF2	1.70868005	0.5309674	conserved	conserved
NDUFAF3	0.04307062	0.50963674	conserved	conserved
NDUFAF4	0.12976229	0.63432759	conserved	conserved
NDUFAF5	0.77927836	0.24781658	conserved	conserved
NDUFAF6	0.29712428	0.16723419	conserved	conserved
NDUFAF7	0.33634509	0.19281457	conserved	conserved
NDUFB10	0.14341706	2.61950148	conserved	conserved
NDUFB2	0.19667007	3.13022285	mouse-RGL	conserved
NDUFB4	0.09035783	2.90988317	mouse-RGL	conserved
NDUFB5	0.2557941	2.68854423	mouse-RGL	conserved
NDUFB9	0.22553714	3.76494377	conserved	conserved
NDUFC2	0.3463565	11.1160624	mouse-RGL	conserved
NDUFS1	0.74832642	0.36058023	conserved	conserved

NDUFS3	0.306709	1.18615977	conserved	conserved
NDUFS4	1.17969062	1.44701681	conserved	conserved
NDUFS6	0.13485578	3.60630606	mouse-RGL	conserved
NDUFS8	0.29835023	1.66549878	conserved	conserved
NDUFV1	0.17600949	0.83814652	conserved	conserved
NDUFV3	0.22977977	2.66131731	conserved	conserved
NEBL	10.301923	0.25627159	monkey-NSC	conserved
NECAB1	1.25132731	0.00863639	conserved	conserved
NECAB2	0.02588917	0.09446087	conserved	conserved
NECAB3	0.07836366	0.12586884	conserved	conserved
NECAP1	0.08060045	0.24926664	conserved	conserved
NEDD4	0.40198439	4.32615733	conserved	conserved
NEDD4L	3.86471664	0.38747503	conserved	conserved
NEDD9	0.49775783	0.20498141	conserved	conserved
NEFH	0.00778763	0	conserved	conserved
NEFL	0.24120198	0.09018046	conserved	conserved
NEGR1	13.5520414	0.41302622	monkey-NSC	conserved
NEIL1	0.2239715	0.07579195	conserved	conserved
NEIL2	0.16148857	0.01637427	conserved	conserved
NEIL3	0.00928908	0.01547548	conserved	conserved
NEK1	1.68950249	0.22605315	conserved	conserved
NEK10	0.85579697	0	conserved	conserved
NEK2	0.01008123	0	conserved	conserved
NEK3	0.13616473	0.0329566	conserved	conserved
NEK4	0.85417291	0.04275872	conserved	conserved
NEK5	0.13220583	0.00829577	conserved	conserved
NEK6	1.30710254	0.93278894	conserved	conserved
NEK7	1.88339869	0.34978896	conserved	conserved
NEK8	0.09442098	0.11794446	conserved	conserved
NEK9	0.75266534	0.36292798	conserved	conserved
NELFA	0.42318775	0.21884014	conserved	conserved
NELFCD	0.30886197	0.26105356	conserved	conserved
NELL1	2.9130329	0.01072878	conserved	conserved
NELL2	4.67891763	0.10528635	conserved	conserved
NEMF	1.64549284	0.47785339	conserved	conserved
NENF	0.13565521	1.47367959	mouse-RGL	conserved
NEO1	2.27994151	0.68031384	conserved	conserved
NEPRO	0.14882889	0.02544329	conserved	conserved
NES	0.0179069	0.39498862	conserved	conserved
NET1	0.23512332	0.01510909	conserved	conserved
NETO1	1.86932096	0	monkey-NSC	conserved

NETO2	1.25785351	0.30916106	conserved	conserved
NEU1	0.11868218	0.18745704	conserved	conserved
NEU3	0.18492965	0.02626278	conserved	conserved
NEU4	0.03921515	0	conserved	conserved
NEURL3	0.00522678	0	conserved	conserved
NEUROD1	0.04469305	0.31458129	conserved	conserved
NEUROD6	0.03210385	0.16230867	conserved	conserved
NEUROG2	0	0.74053402	conserved	conserved
NEXN	0.09302065	0.01075052	conserved	conserved
NF1	4.25356042	0.54601645	monkey-NSC	conserved
NF2	0.8224426	0.19659894	conserved	conserved
NFAM1	0.001385	0	conserved	conserved
NFASC	0.67111541	0.1054279	conserved	conserved
NFAT5	5.0088273	0.44931225	monkey-NSC	conserved
NFATC1	0.219735	0.08793649	conserved	conserved
NFATC2	0.12804241	0.05877877	conserved	conserved
NFATC2IP	0.18199479	0.15122862	conserved	conserved
NFATC3	1.11963159	0.09387381	conserved	conserved
NFATC4	0.004044	0.12053795	conserved	conserved
NFE2L1	0.31610827	0.37370928	conserved	conserved
NFE2L2	1.84132678	0.46948807	conserved	conserved
NFE2L3	0.07647171	0.0093554	conserved	conserved
NFIA	21.5522527	8.49299346	conserved	conserved
NFIB	6.9161941	10.2858258	conserved	conserved
NFIC	1.82558982	0.63738089	monkey-NSC	conserved
NFIL3	0.0014744	0.03944363	conserved	conserved
NFIX	1.87676722	5.90207175	conserved	conserved
NFKB1	0.75383787	0.31362212	conserved	conserved
NFKB2	0.04955117	0.01289142	conserved	conserved
NFKBIA	0.3988056	0.99183214	conserved	conserved
NFKBID	0.02995431	0.00310545	conserved	conserved
NFKBIE	0.03540586	0.05572684	conserved	conserved
NFKBIL1	0.16157714	0.28262653	conserved	conserved
NFRKB	0.18201886	0.19596966	conserved	conserved
NFX1	1.38826372	0.38178237	conserved	conserved
NFYA	0.22566548	0.10132575	conserved	conserved
NFYC	0.91257918	0.2905214	conserved	conserved
NGB	0	0.04689156	conserved	conserved
NGDN	0.15451556	0.48515468	conserved	conserved
NGEF	0.20375742	0.25146297	conserved	conserved
NGF	0.01088729	0.00931509	conserved	conserved

Gene	Value 1	Value 2	Category 1	Category 2
NGFR	0.00134483	0	conserved	conserved
NGLY1	0.64016809	0.26239841	conserved	conserved
NHEJ1	0.13284609	0.04199632	conserved	conserved
NHLH1	0	0.02512911	conserved	conserved
NHLRC2	0.61661388	0.19275187	conserved	conserved
NHLRC3	0.12430517	0.07372824	conserved	conserved
NHS	0.57507023	0.0544324	conserved	conserved
NHSL1	8.88956425	0.19371146	monkey-NSC	conserved
NHSL2	0.21455271	0.02453841	conserved	conserved
NID1	2.15385001	0.29598723	conserved	conserved
NID2	0.13638268	0.05532042	conserved	conserved
NIF3L1	0.07902225	0.21364389	conserved	conserved
NIFK	0.10462465	0.45233982	conserved	conserved
NIM1K	0.62545464	1.87573739	conserved	conserved
NIN	1.88291667	0.08905519	conserved	conserved
NINJ1	0.08280319	0.93729982	mouse-RGL	conserved
NINL	0.53072253	0.07938182	conserved	conserved
NIPA1	0.29411633	0.22535887	conserved	conserved
NIPA2	0.23619379	0.45386357	conserved	conserved
NIPAL1	0.00137337	0.00335512	conserved	conserved
NIPAL2	0.19836212	0.01239203	conserved	conserved
NIPAL3	0.17844713	0.07696399	conserved	conserved
NIPAL4	0.00851376	0	conserved	conserved
NIPBL	3.19124926	0.88715087	conserved	conserved
NISCH	0.8467063	2.19727285	conserved	conserved
NIT1	0.15815493	0.38748017	conserved	conserved
NIT2	0.08296029	0.56259683	conserved	conserved
NKAIN1	0.0124829	0.01193011	conserved	conserved
NKAIN2	6.57172205	0.03793802	monkey-NSC	monkey-NSC1-enriched
NKAIN3	47.4775706	0.03740475	conserved	conserved
NKAIN4	0.007221	2.08528032	conserved	conserved
NKAP	0.19557291	0.44028998	conserved	conserved
NKD1	0.0370981	0.54323976	conserved	conserved
NKD2	0.03997668	0.08385886	conserved	conserved
NKG7	0	0	conserved	conserved
NKIRAS1	0.36123018	0.3557944	conserved	conserved
NKIRAS2	0.06912732	0.31280045	conserved	conserved
NKPD1	0.03448265	0.01044315	conserved	conserved
NKTR	4.33299005	1.20352531	conserved	conserved
NKX3-1	0	0	conserved	conserved
NLE1	0.05298357	0.13144564	conserved	conserved

NLGN1	18.8379989	0.52786351	conserved	conserved
NLK	1.71621917	0.17816659	conserved	conserved
NLN	1.01451995	0.11941337	conserved	conserved
NLRC3	0.00700391	0.01752128	conserved	conserved
NLRC4	0.01656782	0	conserved	conserved
NLRC5	0.13913134	0.00393313	conserved	conserved
NLRP12	0.01172441	0	conserved	conserved
NLRP14	0.04379851	0	conserved	conserved
NLRP3	0.01028928	0.00768289	conserved	conserved
NLRP6	0.00188276	0	conserved	conserved
NLRX1	0.2441589	0.10049952	conserved	conserved
NMD3	0.26395917	0.25076855	conserved	conserved
NME5	0.40251759	0.24863078	conserved	conserved
NME6	0.16908975	0.34192275	conserved	conserved
NME7	1.37548421	1.571428	conserved	conserved
NME8	0.00441597	0.03839845	conserved	conserved
NMI	0.03943284	0.17072568	conserved	conserved
NMNAT1	0.18494156	0.08082957	conserved	conserved
NMNAT2	0.76524984	0.0307391	conserved	conserved
NMRAL1	0.19971522	0.24902779	conserved	conserved
NMRK1	0.07014604	0.24555122	conserved	conserved
NMRK2	0	0	conserved	conserved
NMS	0.22899693	0	conserved	conserved
NMT1	2.17237078	0.59536263	conserved	conserved
NMT2	0.4775425	0.77203249	conserved	conserved
NMU	0.00608148	0	conserved	conserved
NMUR1	0.01404597	0	conserved	conserved
NMUR2	0.01369836	0	conserved	conserved
NNMT	0.07666776	0.00295618	conserved	conserved
NOA1	0.10886069	0.19635773	conserved	conserved
NOB1	0.08820151	0.28467137	conserved	conserved
NOBOX	0	0	conserved	conserved
NOC2L	0.17308297	0.16853088	conserved	conserved
NOC3L	0.23149716	0.12746901	conserved	conserved
NOD1	0.2976566	0.04134502	conserved	conserved
NOD2	0.00355452	0	conserved	conserved
NODAL	0.00772379	0	conserved	conserved
NOL10	0.51161304	0.1130541	conserved	conserved
NOL11	0.13133574	0.22260494	conserved	conserved
NOL3	0.00744673	0.06939289	conserved	conserved
NOL4	1.88067577	0.24869336	conserved	conserved

NOL4L	0.39849904	0.31194084	conserved	conserved
NOL6	0.05966271	0.13642487	conserved	conserved
NOL7	0.31436474	1.56505855	mouse-RGL	conserved
NOL9	0.25815018	0.07748723	conserved	conserved
NOLC1	0.11322684	0.43337102	conserved	conserved
NONO	0.33838995	1.65510621	conserved	conserved
NOP56	0.4034796	0.94327871	conserved	conserved
NOP58	0.57260052	0.84826243	conserved	conserved
NOP9	0.05409413	0.199993	conserved	conserved
NOS1	0.2267758	0.01878914	conserved	conserved
NOS2	0.01127267	0.00433653	conserved	conserved
NOS3	0.01958481	0.04878999	conserved	conserved
NOSIP	0.09190106	0.31195838	conserved	conserved
NOSTRIN	0.02044319	0.00835183	conserved	conserved
NOTCH1	1.33694576	1.86434333	conserved	conserved
NOTCH2	2.35087327	3.33305312	conserved	conserved
NOTO	0.00300213	0	conserved	conserved
NOVA1	3.29650397	0.32186862	conserved	conserved
NOVA2	0.1668961	0.27337944	conserved	conserved
NOX1	0.01874699	0	conserved	conserved
NOX3	0.00595111	0	conserved	conserved
NOX4	0.52170394	0.00408436	conserved	conserved
NOXA1	0.26354515	0	conserved	conserved
NOXO1	0.00735914	0.06946892	conserved	conserved
NPAS1	0.05507235	0.00806797	conserved	conserved
NPAS2	1.40132775	0	conserved	conserved
NPAS3	53.1763704	2.31361594	conserved	conserved
NPAS4	0.00123866	0.00824395	conserved	conserved
NPAT	0.34206921	0.19472342	conserved	conserved
NPB	0.00207823	0.00392353	conserved	conserved
NPC1	0.67262257	0.34889609	conserved	conserved
NPC1L1	0.03120658	0	conserved	conserved
NPC2	0.15050558	2.74673672	conserved	conserved
NPDC1	0.58896568	1.88868801	mouse-RGL	conserved
NPEPL1	0.1927467	0.37308352	conserved	conserved
NPEPPS	2.86864375	1.01674468	conserved	conserved
NPFFR1	0.1450288	0	conserved	conserved
NPFFR2	0.18231166	0	conserved	conserved
NPHP1	1.03115427	0.26037293	conserved	conserved
NPHS2	0.00163123	0	conserved	conserved
NPL	0.62691508	0.04911172	conserved	conserved

NPM3	0.03944077	0.94023221	mouse-RGL	conserved
NPNT	0.9572618	0.01410575	monkey-NSC	conserved
NPPA	0.00441576	0	conserved	conserved
NPPB	0.00048464	0	conserved	conserved
NPPC	0.01711365	0.13883119	conserved	conserved
NPR1	0.0056433	0	conserved	conserved
NPR2	0.18080708	0.15494018	conserved	conserved
NPR3	0.00996945	0	conserved	conserved
NPRL2	0.10190864	0.26384712	conserved	conserved
NPSR1	0.04176423	0	conserved	conserved
NPTN	1.37337616	0.46576939	conserved	conserved
NPTX1	0.51749009	0.10636188	conserved	conserved
NPTX2	0.13199157	0.06040936	conserved	conserved
NPTXR	0.56835302	0.16606675	conserved	conserved
NPVF	0	0	conserved	conserved
NPY	0.04331074	0.10400002	conserved	conserved
NPY2R	0	0.01906938	conserved	conserved
NQO1	0.24557754	0.04789844	conserved	conserved
NQO2	0.21461878	0.11749036	conserved	conserved
NR0B1	0.001167	0	conserved	conserved
NR1D1	0.28626875	0.1296938	conserved	conserved
NR1D2	1.39653258	0.38874443	conserved	conserved
NR1H2	0.13808056	0.417925	conserved	conserved
NR1H3	0.01559214	0.06621507	conserved	conserved
NR1I2	0.03408338	0	conserved	conserved
NR1I3	0.00895041	0	conserved	conserved
NR2C1	0.59994313	0.09659523	conserved	conserved
NR2C2	0.89074085	0.49960193	conserved	conserved
NR2C2AP	0.00969513	0.62693123	conserved	conserved
NR2E1	0.440368	0.98308048	conserved	conserved
NR2E3	0.00563419	0.00143007	conserved	conserved
NR2F1	1.04091168	4.44223755	conserved	conserved
NR2F2	0.23220611	0.63520528	conserved	conserved
NR3C1	1.70256202	0.99524514	monkey-NSC	conserved
NR3C2	7.71563732	0.10158129	monkey-NSC	conserved
NR4A1	0.14503051	0.62061318	conserved	conserved
NR4A2	0.04444469	0.10741103	conserved	conserved
NR4A3	0.08818371	0.07361328	conserved	conserved
NR5A1	0	0	conserved	conserved
NR5A2	0.00194833	0	conserved	conserved
NR6A1	0.31483919	0.01421888	conserved	conserved

NRAP	0	0	conserved	conserved
NRAS	0.12152944	1.3365699	mouse-RGL	conserved
NRBF2	0.09406641	0.25454566	conserved	conserved
NRBP1	0.29845713	0.48790178	conserved	conserved
NRBP2	0.5763785	0.53454415	conserved	conserved
NRCAM	13.4304078	0.35424657	monkey-NSC	conserved
NREP	0.56975983	1.17893495	mouse-RGL	conserved
NRF1	1.88505214	0.31256525	monkey-NSC	conserved
NRG1	4.27292989	0.21844163	conserved	conserved
NRG2	1.82008996	0.04004535	monkey-NSC	conserved
NRG4	0.10617098	0	conserved	conserved
NRGN	0.37746777	0.32321987	conserved	conserved
NRIP1	0.77769204	0.28757436	conserved	conserved
NRIP3	0.12084668	0.12910879	conserved	conserved
NRK	0.00577303	0	conserved	conserved
NRL	0.01142847	0	conserved	conserved
NRM	0.00548401	0.09526263	conserved	conserved
NRN1	0.33154019	0.52610328	conserved	conserved
NRP1	1.61769834	0.4556822	conserved	conserved
NRP2	4.65336048	0.45716837	conserved	conserved
NRROS	0.10322373	0	conserved	conserved
NRSN1	0.20429494	0.06280191	conserved	conserved
NRSN2	0.02464939	0.00656015	conserved	conserved
NRXN1	106.206559	2.42893167	monkey-NSC	conserved
NRXN2	0.83822035	2.15191984	conserved	conserved
NRXN3	12.2018834	0.11583154	monkey-NSC	conserved
NSD1	4.28338969	0.61517384	conserved	conserved
NSDHL	0.20360002	0.64087476	conserved	conserved
NSF	2.24225637	0.42504232	conserved	conserved
NSFL1C	0.43931127	0.68999022	conserved	conserved
NSG1	0.11579701	1.1274151	conserved	conserved
NSG2	0.52304078	1.04676925	conserved	conserved
NSL1	0.25937766	0.02661534	conserved	conserved
NSMCE2	4.32236747	0.56172792	conserved	conserved
NSMCE4A	0.16021742	0.97113853	conserved	conserved
NSRP1	0.98611399	0.46336378	conserved	conserved
NSUN2	0.24408483	0.36302367	conserved	conserved
NSUN3	0.39071452	0.15169371	conserved	conserved
NSUN5	0.08519631	0.06126547	conserved	conserved
NSUN6	0.47051852	0.08456594	conserved	conserved
NT5C	0.07489286	0.88013286	conserved	conserved

NT5C1A	0.00279539	0	conserved	conserved
NT5C2	2.49622383	0.21467077	monkey-NSC	conserved
NT5C3B	0.22927981	0.58847433	conserved	conserved
NT5DC1	0.39974711	0.04254992	conserved	conserved
NT5DC2	0.02166624	0.924238	mouse-RGL	conserved
NT5E	0.578344	0.00556165	conserved	conserved
NT5M	0.64682514	0.54232093	conserved	conserved
NTF3	0.04421312	0.00477273	conserved	conserved
NTHL1	0.12689854	0.18886049	conserved	conserved
NTM	60.6581391	1.3035912	monkey-NSC	conserved
NTMT1	0.07372721	0.56065601	conserved	conserved
NTN4	0.13874759	0.05788297	conserved	conserved
NTNG1	0.77403089	0.35391263	conserved	conserved
NTNG2	0.2304397	0.01384091	conserved	conserved
NTPCR	0.20822391	0.23812748	conserved	conserved
NTRK1	0.00815805	0	conserved	conserved
NTRK2	17.8204722	4.05827538	monkey-NSC	conserved
NTRK3	7.55801848	0.27228742	conserved	conserved
NTS	0.02701773	0.0141817	conserved	conserved
NTSR2	0.83435408	1.92711603	monkey-NSC	conserved
NUAK1	0.62133253	0.20306892	conserved	conserved
NUAK2	0.00991044	0.02472314	conserved	conserved
NUB1	0.29986454	0.26537246	conserved	conserved
NUBP1	0.14726776	0.21617597	conserved	conserved
NUBP2	0.15788153	0.38427242	conserved	conserved
NUBPL	1.42040019	0.23806607	conserved	conserved
NUCB1	0.24671342	0.319479	conserved	conserved
NUCB2	0.80123174	0.05969469	conserved	conserved
NUCKS1	1.47355707	1.20039009	conserved	conserved
NUDCD1	0.15639916	0.14763305	conserved	conserved
NUDT1	0.0553023	0.22442895	conserved	conserved
NUDT12	0.27756692	0.04711855	conserved	conserved
NUDT13	0.09889541	0.12203879	conserved	conserved
NUDT18	0.01398832	0.28855657	conserved	conserved
NUDT21	0.30724103	1.67300966	mouse-RGL	conserved
NUDT22	0.0600508	0.15265885	conserved	conserved
NUDT3	4.89870459	0.90817515	monkey-NSC	conserved
NUDT4	0.64339435	0.85514199	conserved	conserved
NUDT5	0.23539528	0.52654731	conserved	conserved
NUDT7	0.09908381	0.08135095	conserved	conserved
NUDT9	0.36242877	0.53919511	conserved	conserved

NUF2	0.00472668	0.07856051	conserved	conserved
NUFIP1	0.23721368	0.11648771	conserved	conserved
NUFIP2	0.64865084	0.19640732	conserved	conserved
NUGGC	0.16770165	0	conserved	conserved
NUMA1	0.85663877	0.33929916	conserved	conserved
NUMB	2.16506523	0.0830494	conserved	conserved
NUMBL	0.37756408	0.15302883	conserved	conserved
NUP107	0.51627048	0.07434011	conserved	conserved
NUP133	0.67173842	0.0696708	conserved	conserved
NUP153	0.77483927	0.27479695	conserved	conserved
NUP155	0.4018506	0.10858658	conserved	conserved
NUP160	0.61690222	0.04312394	conserved	conserved
NUP205	0.62649649	0.07416932	conserved	conserved
NUP210	0.33347597	0.08721515	conserved	conserved
NUP210L	0.18605826	0.00929018	conserved	conserved
NUP214	1.32348376	0.16826034	conserved	conserved
NUP35	0.13542628	0.15966793	conserved	conserved
NUP37	0.28384361	0.14725494	conserved	conserved
NUP54	0.3604985	0.21526098	conserved	conserved
NUP62	0.03411827	0.18303454	conserved	conserved
NUP85	0.36670987	0.13220403	conserved	conserved
NUP93	0.47305983	0.09158269	conserved	conserved
NUP98	1.00395146	0.01551386	conserved	conserved
NUTM1	0.01824033	0	conserved	conserved
NVL	1.13141297	0.29475275	conserved	conserved
NWD1	1.60393713	0.14928583	monkey-NSC	conserved
NWD2	0.65258829	0.02539014	conserved	conserved
NXF1	0.22451162	1.88170436	conserved	conserved
NXF3	0.00564093	0	conserved	conserved
NXN	0.57880245	0.30525306	conserved	conserved
NXNL2	0.03082417	0.01737627	conserved	conserved
NXPE2	0.01360422	0.00205065	conserved	conserved
NXPH1	0.68520551	0.03787193	conserved	conserved
NXPH2	0.06545419	0	conserved	conserved
NXPH3	0.00884492	0.05938024	conserved	conserved
NXT1	0.00837571	0.48852052	conserved	conserved
NXT2	0.0452864	0.77381554	conserved	conserved
NYAP1	0.14133378	0.12715046	conserved	conserved
NYNRIN	0.03639542	0.0645875	conserved	conserved
OAF	1.43303786	0.52845414	monkey-NSC	conserved
OARD1	0.04703054	0.61250858	conserved	conserved

OAS2	0.01465138	0	conserved	conserved
OAS3	0.08112501	0	conserved	conserved
OAZ1	0.01925001	13.3415338	mouse-RGL	conserved
OAZ2	0.33553215	1.97235463	conserved	conserved
OAZ3	0.01042649	0.01252519	conserved	conserved
OCA2	0.14240928	0	conserved	conserved
OCEL1	0.05857479	0.1570237	conserved	conserved
OCIAD1	1.10137301	1.35857954	conserved	conserved
OCIAD2	0.03966357	0.10636967	conserved	conserved
OCLN	0.1795456	0.04706115	conserved	conserved
OCRL	0.31183164	0.39342804	conserved	conserved
ODF1	0.0015379	0	conserved	conserved
ODF2	1.29086704	0.39055892	monkey-NSC	conserved
ODF2L	0.49474013	0.17018789	conserved	conserved
OGDH	1.70048564	0.4422888	conserved	conserved
OGDHL	0.24379315	0.00321096	conserved	conserved
OGFOD1	0.52673417	0.09162933	conserved	conserved
OGFOD2	0.08073909	0.16909868	conserved	conserved
OGFR	0.1349694	0.5456793	conserved	conserved
OGFRL1	0.59006422	0.28902973	conserved	conserved
OGG1	0.29847346	0.11960768	conserved	conserved
OGN	0.01742113	0.0414743	conserved	conserved
OGT	0.92479478	2.52431665	conserved	conserved
OIP5	0.02992042	0.00634453	conserved	conserved
OIT3	0.00114633	0	conserved	conserved
OLA1	1.27821069	0.64521091	conserved	conserved
OLFM1	0.85462428	0.57872531	conserved	conserved
OLFM2	6.11583883	0.01475783	monkey-NSC	conserved
OLFM3	0.7011199	0.01399348	conserved	conserved
OLFM4	0.02542261	0	conserved	conserved
OLFML1	0.05730456	0.03426419	conserved	conserved
OLFML2A	0.02299471	0.03052355	conserved	conserved
OLFML2B	0.049419	0.02739384	conserved	conserved
OLIG2	0.01562899	0.4074892	conserved	conserved
OLIG3	0	0	conserved	conserved
OLR1	0.02782945	0	conserved	conserved
OMA1	0.27148007	0.06423337	conserved	conserved
OMG	0.09096489	0.26636332	conserved	conserved
ONECUT1	0.0068297	0	conserved	conserved
ONECUT2	0.02972266	0.04667941	conserved	conserved
OPA1	1.65813283	0.23963119	conserved	conserved

OPA3	0.30214274	0.53185525	conserved	conserved
OPALIN	0.18933617	0.00777114	conserved	conserved
OPCML	12.4616713	0.24411293	monkey-NSC	conserved
OPHN1	16.9791489	0.22711426	conserved	conserved
OPN3	0.10365174	0.01824103	conserved	conserved
OPN4	0	0.00338249	conserved	conserved
OPN5	0.00220032	0	conserved	conserved
OPRK1	0.00274458	0.0070276	conserved	conserved
OPRL1	0.03212881	0.00377343	conserved	conserved
OPRM1	0.11875614	0	conserved	conserved
OPTC	0	0.0129346	conserved	conserved
OPTN	0.22381042	0.12016013	conserved	conserved
ORAI1	0.03218622	0.39433306	conserved	conserved
ORAI2	0.06429511	0.10683348	conserved	conserved
ORAI3	0.08518141	0.29263846	conserved	conserved
ORC3	0.52763629	0.15366128	conserved	conserved
ORC4	1.35725703	0.35063779	conserved	conserved
ORC5	0.53415015	0.05794472	conserved	conserved
ORC6	0.04867262	0.42626778	conserved	conserved
ORMDL1	0.19854247	0.27646328	conserved	conserved
ORMDL3	0.02669846	0.59300965	conserved	conserved
OS9	0.42829856	0.3200023	conserved	conserved
OSBP	0.55334104	0.11219183	conserved	conserved
OSBP2	2.6429899	0.05599295	conserved	conserved
OSBPL10	0.28186324	0	conserved	conserved
OSBPL11	0.77374793	0.11915932	conserved	conserved
OSBPL1A	3.52710595	0.35960456	conserved	conserved
OSBPL2	0.39440162	0.24482831	conserved	conserved
OSBPL3	0.16706612	0.02755807	conserved	conserved
OSBPL5	0.37757544	0.0496526	conserved	conserved
OSBPL6	2.33450499	0.0704035	conserved	conserved
OSBPL7	0.31696382	0.09216822	conserved	conserved
OSBPL8	1.58653914	0.14107908	conserved	conserved
OSBPL9	1.6648249	0.25424425	conserved	conserved
OSCP1	0.14447284	0.32943179	conserved	conserved
OSER1	0.06852391	0.66498404	mouse-RGL	conserved
OSGEP	0.18745569	0.78693187	conserved	conserved
OSGEPL1	0.09089025	0.28402492	conserved	conserved
OSGIN1	0.21857465	0	conserved	conserved
OSGIN2	0.58966258	0.26013689	conserved	conserved
OSM	0	0	conserved	conserved

OSMR	0.47166591	0.01737256	conserved	conserved
OSR1	0.00249927	0.01251368	conserved	conserved
OSTF1	0.14302883	0.15758416	conserved	conserved
OSTM1	0.33463209	0.18802295	conserved	conserved
OSTN	0.00610656	0	conserved	conserved
OTC	0.01463478	0	conserved	conserved
OTOA	0.02492993	0.00230763	conserved	conserved
OTOF	0.0140119	0	conserved	conserved
OTOG	0	0	conserved	conserved
OTOGL	0.01423354	0	conserved	conserved
OTOL1	0	0	conserved	conserved
OTOP1	0.00090623	0	conserved	conserved
OTOP3	0	0	conserved	conserved
OTOR	0.0022249	0	conserved	conserved
OTOS	0.00574882	0	conserved	conserved
OTP	0.00119944	0	conserved	conserved
OTUB2	0.03474889	0.06119443	conserved	conserved
OTUD4	0.63092273	0.27918278	conserved	conserved
OTUD5	0.31741827	0.21486345	conserved	conserved
OTUD7A	1.38033964	0	monkey-NSC	conserved
OTUD7B	0.93597785	0.23257098	conserved	conserved
OTX1	0.12510292	0.42246371	conserved	conserved
OTX2	0	0.06648787	conserved	conserved
OVCH2	0.01785119	0	conserved	conserved
OVGP1	0.03283017	0.01675994	conserved	conserved
OVOL1	0.0164165	0	conserved	conserved
OVOL3	0.02297387	0	conserved	conserved
OXA1L	0.20518582	0.69638506	conserved	conserved
OXGR1	0.00292358	0	conserved	conserved
OXLD1	0.00482017	0.14545907	conserved	conserved
OXNAD1	0.28910037	0.32166547	conserved	conserved
OXR1	5.02408297	0.59496697	conserved	conserved
OXSM	0.07506402	0.06664366	conserved	conserved
OXSR1	0.75439873	0.1183379	conserved	conserved
OXT	0.00138069	0.00345988	conserved	conserved
OXTR	0	0	conserved	conserved
P2RX1	0.00239343	0	conserved	conserved
P2RX2	0.00600381	0.00311524	conserved	conserved
P2RX4	0.51001614	0.26305785	conserved	conserved
P2RX6	0.00618012	0.07894411	conserved	conserved
P2RX7	0.59683351	0.09366125	conserved	conserved

P2RY1	0.1260725	0.03620666	conserved	conserved
P2RY10	0.00177517	0	conserved	conserved
P2RY12	0.11191487	0.0136473	conserved	conserved
P2RY13	0.02567763	0	conserved	conserved
P2RY14	0.18427137	0.0208466	conserved	conserved
P2RY6	0	0.00274003	conserved	conserved
P3H1	0.22118126	0.10863857	conserved	conserved
P3H2	0.60234329	0.01515108	conserved	conserved
P3H4	0.25180911	0.50035876	conserved	conserved
P4HA1	0.98814769	0.2753919	conserved	conserved
P4HTM	0.75419495	0.19964441	conserved	conserved
PISD	0.45251651	1.00441775	conserved	conserved
PABPC4	0.35495915	0.19032337	conserved	conserved
PACRG	5.2118863	0.23133344	monkey-NSC	conserved
PACRGL	0.23598185	0.32839179	conserved	conserved
PACS1	2.19371224	0.10960333	conserved	conserved
PACS2	0.77990628	0.29132241	conserved	conserved
PACSIN1	0.1827074	0.08523573	conserved	conserved
PACSIN3	0.10600958	0.76884382	conserved	conserved
PADI2	2.09482191	1.03207303	monkey-NSC	conserved
PADI4	0.04117187	0.00248665	conserved	conserved
PADI6	0.00280286	0	conserved	conserved
PAF1	0.06425204	0.25588384	conserved	conserved
PAFAH2	0.26154369	0.07417956	conserved	conserved
PAG1	0.3236163	0.35166914	conserved	conserved
PAH	0.02744265	0	conserved	conserved
PAIP1	0.32847774	0.34519703	conserved	conserved
PAIP2	0.4888646	3.08296922	mouse-RGL	conserved
PAIP2B	0.13585368	0.29703506	conserved	conserved
PAK1IP1	0.15126839	0.58998435	conserved	conserved
PAK2	1.07494185	0.78541349	conserved	conserved
PAK3	0.56407642	0.27093834	conserved	conserved
PALD1	0.12477937	0.05201224	conserved	conserved
PALLD	2.19568553	0.31863299	conserved	conserved
PALM	5.19802636	0.46637043	monkey-NSC	conserved
PALMD	0.48277859	0.04755404	conserved	conserved
PAM	1.5545433	0.6425985	conserved	conserved
PAMR1	4.33666336	0.09008595	monkey-NSC	conserved
PAN2	0.50666863	0.11451371	conserved	conserved
PAN3	1.25838752	0.37816112	conserved	conserved
PANK1	0.50263886	0.34724734	conserved	conserved

PANK2	0.80960043	0.50285891	conserved	conserved
PANK3	0.19751525	0.45084812	conserved	conserved
PANK4	0.25316164	0.01334965	conserved	conserved
PANX1	0.06198444	0.21688398	conserved	conserved
PAPLN	1.00313236	0	monkey-NSC	conserved
PAPOLA	1.18594324	1.41419161	mouse-RGL	conserved
PAPOLG	0.33366029	0.07155395	conserved	conserved
PAPPA	0.07182111	0.04678392	conserved	conserved
PAPPA2	0.11507694	0.01274887	conserved	conserved
PAPSS1	0.69156834	0.82081278	conserved	conserved
PAPSS2	0.21423433	0.0616973	conserved	conserved
PAQR3	0.20227602	0.02147763	conserved	conserved
PAQR4	0.15250627	0.62557732	conserved	conserved
PAQR5	0.01058465	0.00462855	conserved	conserved
PAQR7	0.04725192	0.43100286	conserved	conserved
PAQR8	0.37228225	0.92262809	conserved	conserved
PAQR9	0.02711303	0.04354748	conserved	conserved
PARD3	16.7205509	0.41734162	conserved	conserved
PARD3B	8.92829608	0.39373444	conserved	conserved
PARD6A	0.05124159	0.55323324	conserved	conserved
PARD6B	0.07386859	0.05394747	conserved	conserved
PARD6G	0.05585087	0.38720448	conserved	conserved
PARG	0.98376032	0.18064638	conserved	conserved
PARL	0.49855806	0.55016094	conserved	conserved
PARN	1.29351759	0.14625967	conserved	conserved
PARP1	0.30601206	0.44845534	conserved	conserved
PARP11	0.39459883	0.26900092	conserved	conserved
PARP12	0.11008004	0.10250861	conserved	conserved
PARP14	0.05723685	0.01075487	conserved	conserved
PARP16	0.37732715	0.05832444	conserved	conserved
PARP2	0.14291604	0.21585067	conserved	conserved
PARP3	0.02480634	0.04466967	conserved	conserved
PARP6	0.81381484	0.23140113	conserved	conserved
PARP8	2.04815301	0.0942749	conserved	conserved
PARP9	0.44357797	0.04390577	conserved	conserved
PARPBP	0.01072175	0.00956106	conserved	conserved
PARVA	0.95488279	0.31194258	conserved	conserved
PARVB	0.90714612	0.21809941	conserved	conserved
PARVG	0.00132759	0.01227178	conserved	conserved
PASK	0.15958619	0.03477764	conserved	conserved
PATE2	0.04264771	0.02414381	conserved	conserved

PATE4	0	0	conserved	conserved
PATL1	0.32448651	0.16371135	conserved	conserved
PATL2	0.02156848	0	conserved	conserved
PATZ1	0.32226666	0.38796671	conserved	conserved
PAWR	0.46174197	0.09558303	conserved	conserved
PAX2	0.00308545	0	conserved	conserved
PAX3	0.01357474	0.00696699	conserved	conserved
PAX5	0.0468902	0	conserved	conserved
PAX6	1.27505889	2.56158704	conserved	conserved
PAX7	0.00155639	0	conserved	conserved
PAX8	0.00467141	0	conserved	conserved
PAX9	0	0	conserved	conserved
PAXIP1	0.32792813	0.15357293	conserved	conserved
PBDC1	0.04687545	0.64418218	conserved	conserved
PBK	0.00651175	0.09222409	conserved	conserved
PBRM1	2.74945172	1.59432824	conserved	conserved
PBX1	12.9368674	5.3989462	conserved	conserved
PBX2	0.17318642	0.1362403	conserved	conserved
PBX4	0.39098406	0.266004	conserved	conserved
PCBD1	0.1145882	0.16991997	conserved	conserved
PCBP1	0.00426415	1.8847688	conserved	conserved
PCBP3	0.50281998	0.14951049	conserved	conserved
PCBP4	0.49170298	1.28667798	conserved	conserved
PCCA	4.38184046	0.55427999	conserved	conserved
PCCB	0.47686389	0.3393833	conserved	conserved
PCDH1	0.09984373	0.10489234	conserved	conserved
PCDH10	0.90400575	0.92033179	conserved	conserved
PCDH12	0.00565843	0	conserved	conserved
PCDH15	2.29093265	0.07058433	conserved	conserved
PCDH17	1.83021258	0.47727953	monkey-NSC	conserved
PCDH18	0.03678242	0.04810869	conserved	conserved
PCDH19	0.24123155	0.07722184	conserved	conserved
PCDH7	2.12003936	0.08216504	monkey-NSC	conserved
PCDH9	69.7469858	0.46880131	conserved	conserved
PCDHAC2	1.80326824	0.00911711	conserved	conserved
PCDHB1	0	0	conserved	conserved
PCED1A	0.28053005	0.07743241	conserved	conserved
PCF11	0.71663388	0.43684425	conserved	conserved
PCGF1	0.0253746	0.11632686	conserved	conserved
PCGF2	0.11322475	0.19891678	conserved	conserved
PCGF5	1.27701086	0.31139666	conserved	conserved

PCGF6	0.40041296	0.1832352	conserved	conserved
PCID2	0.97231297	0.11085301	conserved	conserved
PCIF1	0.07777341	1.00649446	conserved	conserved
PCK1	0.00172778	0	conserved	conserved
PCK2	0.01856685	0.04153903	conserved	conserved
PCLO	3.28741921	0.08268434	conserved	conserved
PCM1	2.72045204	1.2404744	conserved	conserved
PCMTD1	1.02987789	0.6569694	conserved	conserved
PCMTD2	0.24410531	0.42878941	conserved	conserved
PCNA	0.02479299	0.57204228	conserved	conserved
PCOLCE	0.00065512	0.0278135	conserved	conserved
PCOLCE2	0.08065106	0.03748834	conserved	conserved
PCP2	0	0	conserved	conserved
PCSK1	0.04787194	0	conserved	conserved
PCSK2	1.29261217	0.02419444	monkey-NSC	conserved
PCSK5	6.70417763	0.03876389	conserved	conserved
PCSK6	0.64549602	0.43848777	conserved	conserved
PCSK7	0.44241989	0.05741276	conserved	conserved
PCSK9	0.00157055	0	conserved	conserved
PCTP	1.76442024	0.02483433	monkey-NSC	conserved
PCYOX1	0.26673151	0.46991676	conserved	conserved
PCYOX1L	0.0257941	0.14766423	conserved	conserved
PCYT1A	0.61626676	0.25511244	conserved	conserved
PCYT1B	0.7637842	0.12326853	conserved	conserved
PCYT2	0.18451978	0.87580492	conserved	conserved
PDC	0.00378996	0	conserved	conserved
PDCD11	0.20164545	0.26033071	conserved	conserved
PDCD1LG2	0.0499825	0	conserved	conserved
PDCD7	0.15517559	0.16942174	conserved	conserved
PDCL	0.05206822	0.35766483	conserved	conserved
PDCL2	0.0009884	0	conserved	conserved
PDE10A	0.49804419	0.56745084	conserved	conserved
PDE12	0.0588945	0.18460899	conserved	conserved
PDE1A	3.50154402	0.07774828	conserved	conserved
PDE1B	0.11372341	0.25541388	conserved	conserved
PDE1C	0.19143897	0.12398742	conserved	conserved
PDE3A	1.62636662	0.20181991	conserved	conserved
PDE3B	0.74142925	0.03724551	conserved	conserved
PDE4A	0.38496427	0.16103336	conserved	conserved
PDE4B	6.76423198	0.32213813	monkey-NSC	conserved
PDE4D	5.51450199	0.05462412	conserved	conserved

PDE5A	0.8032048	0.05586448	conserved	conserved
PDE6A	0.01460555	0.01318831	conserved	conserved
PDE6B	0.08487507	0	conserved	conserved
PDE6C	0.02012447	0	conserved	conserved
PDE6D	0.51950241	1.02648337	conserved	conserved
PDE7A	0.69613231	0.24683329	conserved	conserved
PDE8A	1.77738913	0	monkey-NSC	conserved
PDE9A	1.57546535	0.12819302	conserved	conserved
PDGFB	0.01737323	0.00691917	conserved	conserved
PDGFC	2.51781221	0.04889912	monkey-NSC	conserved
PDGFD	0.0402502	0.12264554	conserved	conserved
PDGFRA	1.1951929	0.0168389	monkey-NSC	conserved
PDGFRB	1.24399502	0.50414392	conserved	conserved
PDGFRL	0.10793891	0.27367586	conserved	conserved
PDHB	0.1483302	0.46537157	conserved	conserved
PDHX	0.7053961	0.23122715	conserved	conserved
PDIA2	0.02721417	0	conserved	conserved
PDIA4	0.16237758	0.68102828	conserved	conserved
PDIA5	0.08275864	0.0209131	conserved	conserved
PDIA6	0.43719019	0.90227651	conserved	conserved
PDIK1L	0.06540277	0.17175124	conserved	conserved
PDILT	0.00370321	0	conserved	conserved
PDK1	0.2100081	0.14110476	conserved	conserved
PDK2	0.13752236	0.29600921	conserved	conserved
PDK3	0.38652977	0.34703766	conserved	conserved
PDK4	0.5379274	0.07628944	conserved	conserved
PDLIM3	0.87154745	0.64539607	conserved	conserved
PDLIM5	3.76311603	0.74103143	conserved	conserved
PDLIM7	0.02554206	0.88349207	conserved	conserved
PDP1	0.14292661	0.32507387	conserved	conserved
PDP2	0.00210875	0.14931443	conserved	conserved
PDPN	0.07846365	1.48062126	mouse-RGL	conserved
PDPR	0.45303689	0.0454706	conserved	conserved
PDRG1	0.17821897	1.13528263	mouse-RGL	conserved
PDS5A	2.18618477	0.60659373	conserved	conserved
PDS5B	1.77838579	0.52124843	conserved	conserved
PDSS1	0.61823623	0.07355837	conserved	conserved
PDSS2	1.4754154	0.15205389	conserved	conserved
PDXDC1	0.48907514	0.35975722	conserved	conserved
PDXK	0.64423817	0.14868375	conserved	conserved
PDYN	0.02447909	0.04025257	conserved	conserved

PDZD2	1.15446254	0.1215825	monkey-NSC	conserved
PDZD3	0	0.00767122	conserved	conserved
PDZD4	0.27353242	0.14112248	conserved	conserved
PDZD7	0.31255614	0.00407917	conserved	conserved
PDZD9	0.05106413	0.01360586	conserved	conserved
PDZK1	0.19347054	0	conserved	conserved
PDZK1IP1	0	0	conserved	conserved
PDZRN3	1.76322418	0.31094713	monkey-NSC	conserved
PDZRN4	21.7493	0.03050568	monkey-NSC	conserved
PEAK1	0.85088567	0.15540425	conserved	conserved
PEBP4	0.01710514	0	conserved	conserved
PECAM1	0.03839495	0.02255024	conserved	conserved
PECR	0.3142935	0.12772858	conserved	conserved
PEG3	0.63820061	0.85681114	conserved	conserved
PELI2	3.33081133	0.38285216	monkey-NSC	conserved
PELI3	0.03809163	0	conserved	conserved
PELO	0.00697111	0.31777724	conserved	conserved
PELP1	0.43459554	0.16482395	conserved	conserved
PEMT	0.11023784	0.11448224	conserved	conserved
PENK	0.02624824	0.00447496	conserved	conserved
PEPD	0.36742963	0.20159539	conserved	conserved
PER1	0.50948371	0.08591509	conserved	conserved
PER2	0.85565276	0.05321147	conserved	conserved
PER3	2.73743624	0.68128576	conserved	conserved
PERP	0.04959275	0.05535402	conserved	conserved
PES1	0.12714636	0.28126193	conserved	conserved
PET100	0.15088297	1.03804869	conserved	conserved
PEX1	0.74754567	0.0892083	conserved	conserved
PEX10	0.17258646	0.10623448	conserved	conserved
PEX11A	0.05852477	0.2312838	conserved	conserved
PEX11G	0.08120875	0.04109426	conserved	conserved
PEX12	0.0049343	0.14740366	conserved	conserved
PEX13	0.27207347	0.55323397	conserved	conserved
PEX14	1.06889895	0.27234778	conserved	conserved
PEX16	0.48591231	0.33424601	conserved	conserved
PEX2	0.35133483	1.24169705	mouse-RGL	conserved
PEX3	0.76931677	0.41979509	conserved	conserved
PEX5	0.10609496	0.19561121	conserved	conserved
PEX5L	3.2867422	0.02510256	conserved	conserved
PEX6	0.51380462	0.19145381	conserved	conserved
PEX7	0.34215002	0.43916757	conserved	conserved

PFAS	0.08760407	0.38527622	conserved	conserved
PFDN1	0.7332974	2.25248919	mouse-RGL	conserved
PFDN2	0.21858583	2.52189188	mouse-RGL	conserved
PFDN4	0.07205627	0.90587656	conserved	conserved
PFDN6	0.05993439	1.8006673	mouse-RGL	conserved
PFKFB1	0.00179078	0.00269126	conserved	conserved
PFKFB2	0.11327133	0.0869048	conserved	conserved
PFKFB3	1.72283802	0.3736184	conserved	conserved
PFKFB4	0.53439996	0.09032824	conserved	conserved
PFKL	0.81459618	0.2862846	conserved	conserved
PFKM	0.28185016	0.18943963	conserved	conserved
PFN4	0.03641718	0.03385316	conserved	conserved
PGAM2	0.03700677	0	conserved	conserved
PGAP1	0.8247654	0.23481103	conserved	conserved
PGAP2	0.41648405	0.31175829	conserved	conserved
PGAP3	0.11997955	0.02136194	conserved	conserved
PGBD1	0.4814453	0.04116373	conserved	conserved
PGBD5	1.6393411	0.04817717	monkey-NSC	conserved
PGC	0.00233851	0	conserved	conserved
PGD	0.32814146	0.43586069	conserved	conserved
PGF	0.02079223	0.15875679	conserved	conserved
PGGT1B	0.34392507	0.10505916	conserved	conserved
PGLYRP1	0.02430119	0.0918193	conserved	conserved
PGLYRP2	0.00082797	0	conserved	conserved
PGLYRP4	0	0	conserved	conserved
PGM2	0.16681872	0.27166323	conserved	conserved
PGM2L1	0.85166775	0.1901306	conserved	conserved
PGM3	0.3495267	0.18862379	conserved	conserved
PGM5	0.03104849	0.07062065	conserved	conserved
PGPEP1	0.28205135	0.98182156	conserved	conserved
PGRMC1	0.22679944	1.32244459	conserved	conserved
PGRMC2	0.13562204	0.39435605	conserved	conserved
PGS1	0.22220869	0.31913388	conserved	conserved
PHACTR1	15.2870594	0.88993897	conserved	conserved
PHACTR2	0.81642903	0.28776717	conserved	conserved
PHACTR3	4.33401485	0.23882907	monkey-NSC	conserved
PHACTR4	1.31901952	0.24259843	conserved	conserved
PHAX	0.25195417	0.74405647	conserved	conserved
PHC1	0.35388083	0.16580675	conserved	conserved
PHC2	0.88315824	0.230209	conserved	conserved
PHC3	1.77856683	0.33241831	conserved	conserved

PHEX	0.16388208	0.00262906	conserved	conserved
PHF1	0.53067655	0.17409915	conserved	conserved
PHF10	0.34137323	0.22329387	conserved	conserved
PHF12	0.57451221	0.36044808	conserved	conserved
PHF13	0.05686464	0.12193921	conserved	conserved
PHF14	3.39270841	0.64330362	conserved	conserved
PHF19	0.27095061	0.03662969	conserved	conserved
PHF2	0.53320869	0.27561526	conserved	conserved
PHF20	1.33810333	0.41608913	conserved	conserved
PHF20L1	1.26554704	0.57025406	conserved	conserved
PHF21A	4.23798393	0.71355877	conserved	conserved
PHF21B	3.44803769	0.08373729	conserved	conserved
PHF23	0.05204643	0.50290071	conserved	conserved
PHF24	0.1275035	0.04208832	conserved	conserved
PHF3	1.45113269	0.49525906	conserved	conserved
PHF6	0.28625255	0.42961679	conserved	conserved
PHF7	0.25844623	0.04785503	conserved	conserved
PHF8	0.60729117	0.1310147	conserved	conserved
PHGDH	1.10309595	3.91480863	mouse-RGL	conserved
PHIP	4.58917805	1.3390071	conserved	conserved
PHKA1	3.85530424	0.0654858	conserved	conserved
PHKA2	0.96361742	0.06016418	conserved	conserved
PHKB	3.25388355	0.42647895	conserved	conserved
PHKG1	0.76419968	0.47528531	conserved	conserved
PHKG2	0.46106362	0.49356377	conserved	conserved
PHLDA1	0.03653318	0.62269851	conserved	conserved
PHLDA2	0	0.00311524	conserved	conserved
PHLDB1	0.57210847	0.0685135	conserved	conserved
PHLDB2	0.09526521	0.1100901	conserved	conserved
PHLDB3	0.02531704	0	conserved	conserved
PHLPP1	11.4660151	0.79031385	monkey-NSC	conserved
PHLPP2	0.69687329	0.17417798	conserved	conserved
PHOSPHO1	0.00230962	0	conserved	conserved
PHPT1	0.27260809	1.87104314	conserved	conserved
PHRF1	0.6084222	0.21041317	conserved	conserved
PHTF1	0.81204999	0.13946479	conserved	conserved
PHTF2	0.82330207	0.06172682	conserved	conserved
PHYH	0.26492282	0.32603572	conserved	conserved
PHYHIP	0.12263956	0.07291948	conserved	conserved
PHYHIPL	2.52506484	0.6451739	conserved	conserved
PHYKPL	0.40138316	0.08535437	conserved	conserved

PI15	0.02438985	0	conserved	conserved
PI16	0.01955156	0.00433653	conserved	conserved
PI4K2A	1.02445829	0.20412114	conserved	conserved
PI4KA	2.47998212	0.22215181	monkey-NSC	conserved
PI4KB	0.52686898	0.11565412	conserved	conserved
PIAS1	2.23257034	0.2980458	monkey-NSC	conserved
PIAS2	1.51091332	0.50328883	conserved	conserved
PIAS4	0.16321185	0.4074389	conserved	conserved
PIBF1	2.05339941	0.14589357	conserved	conserved
PICALM	2.11232166	0.5265739	conserved	conserved
PID1	2.00474997	0.25626309	monkey-NSC	conserved
PIDD1	0.1082256	0.00860255	conserved	conserved
PIF1	0.00495584	0	conserved	conserved
PIFO	0.0119472	0.06736697	conserved	conserved
PIGA	0.15331998	0.11269405	conserved	conserved
PIGB	0.40308717	0.11628123	conserved	conserved
PIGC	0.03161484	0.2549447	conserved	conserved
PIGF	0.43517287	0.31114622	conserved	conserved
PIGG	0.56664114	0.03639669	conserved	conserved
PIGH	0.0668289	0.14886886	conserved	conserved
PIGK	0.44956669	0.19866274	conserved	conserved
PIGL	0.89093393	0.09436589	conserved	conserved
PIGN	0.67175325	0.12212125	conserved	conserved
PIGO	0.04517578	0.04977934	conserved	conserved
PIGP	0.15158315	1.4258274	mouse-RGL	conserved
PIGQ	0.07150073	0.35958158	conserved	conserved
PIGR	0.01627639	0	conserved	conserved
PIGS	0.21547163	0.43624501	conserved	conserved
PIGV	0.03679693	0.0887677	conserved	conserved
PIGW	0.00376989	0.02229497	conserved	conserved
PIGX	0.4369709	0.75685228	conserved	conserved
PIH1D2	0.04934769	0.09973988	conserved	conserved
PIK3AP1	0.02820826	0	conserved	conserved
PIK3C2A	1.3269852	0.38871137	conserved	conserved
PIK3C2B	0.25668514	0.03824893	conserved	conserved
PIK3C2G	0.05634352	0.00140814	conserved	conserved
PIK3C3	1.52251054	0.10219453	conserved	conserved
PIK3CA	1.01015874	0.64451175	conserved	conserved
PIK3CB	2.04262622	0.01842096	monkey-NSC	conserved
PIK3CD	0.12206183	0.01460278	conserved	conserved
PIK3CG	0.00332606	0.01033257	conserved	conserved

PIK3IP1	0.26222614	0.8238868	conserved	conserved
PIK3R1	2.67873871	0.80206077	monkey-NSC	conserved
PIK3R4	0.37822968	0.15735192	conserved	conserved
PIK3R5	0.02621144	0	conserved	conserved
PIK3R6	0.02427583	0	conserved	conserved
PIKFYVE	1.03636841	0.17602307	conserved	conserved
PINK1	0.22034317	0.5780046	conserved	conserved
PINLYP	0.00095911	0	conserved	conserved
PINX1	0.27521559	0.28403051	conserved	conserved
PIP	0.00644635	0	conserved	conserved
PIP4K2A	1.97943012	0.13826363	monkey-NSC	conserved
PIP4K2B	1.21280442	0.22398621	conserved	conserved
PIP4K2C	0.26779815	0.15062082	conserved	conserved
PIP5K1B	0.17519287	0.03031831	conserved	conserved
PIPOX	1.37506318	0.048664	monkey-NSC	monkey-NSC1-enriched
PIR	0.77017569	0.20576004	conserved	conserved
PIRT	0.01050648	0	conserved	conserved
PITHD1	0.28166904	0.43330844	conserved	conserved
PITPNA	0.65622655	0.74259702	conserved	conserved
PITPNB	0.37113791	0.51767362	conserved	conserved
PITPNM1	0.09741598	0.06322875	conserved	conserved
PITPNM2	1.17620571	0.29451427	conserved	conserved
PITRM1	0.2732052	0.17181461	conserved	conserved
PIWIL1	0.03299605	0	conserved	conserved
PIWIL2	0.09130879	0	conserved	conserved
PIWIL4	0.00325016	0	conserved	conserved
PJA2	1.09608492	0.91355275	conserved	conserved
PKD1L1	0.04261121	0	conserved	conserved
PKD2L1	0.03403919	0	conserved	conserved
PKD2L2	0.06334966	0	conserved	conserved
PKDCC	0.03164669	0.04950431	conserved	conserved
PKHD1	0.04026644	0	conserved	conserved
PKHD1L1	0.2507523	0	conserved	conserved
PKIB	0.01495074	0.04571341	conserved	conserved
PKIG	0.18693015	1.83887058	conserved	conserved
PKLR	0.00406743	0	conserved	conserved
PKMYT1	0.00718462	0.04414874	conserved	conserved
PKN1	0.51386324	0.16540182	conserved	conserved
PKN2	2.04784466	0.89702296	conserved	conserved
PKNOX1	0.17143033	0.11077039	conserved	conserved
PKNOX2	1.82998162	0.03757429	monkey-NSC	conserved

PKP1	0.00563772	0	conserved	conserved
PKP2	0.55044035	0.07943617	conserved	conserved
PKP4	1.74442078	0.22463466	conserved	conserved
PLA1A	0.00516959	0	conserved	conserved
PLA2G12B	0.00784302	0	conserved	conserved
PLA2G15	0.16469767	0.01970045	conserved	conserved
PLA2G1B	0.01242955	0	conserved	conserved
PLA2G2C	0.00395494	0	conserved	conserved
PLA2G2D	0.00102425	0	conserved	conserved
PLA2G2F	0.02999035	0	conserved	conserved
PLA2G4A	0.09679652	0	conserved	conserved
PLA2G4C	0.30946279	0.00990816	conserved	conserved
PLA2G4D	0.00166571	0	conserved	conserved
PLA2G4E	0.00176009	0	conserved	conserved
PLA2G4F	0.00116656	0	conserved	conserved
PLA2G6	0.63960332	0.10597079	conserved	conserved
PLA2G7	0.04221168	2.47055108	conserved	conserved
PLAC8	0.01621871	0	conserved	conserved
PLAC8L1	0.03842402	0	conserved	conserved
PLAG1	0.11074543	0	conserved	conserved
PLAGL1	0.09837606	0.46241156	conserved	conserved
PLAGL2	0.09575905	0.09049102	conserved	conserved
PLAT	0.07671016	0.24765117	conserved	conserved
PLAU	0.01147828	0	conserved	conserved
PLAUR	0.05693856	0	conserved	conserved
PLB1	0.04309492	0.00828489	conserved	conserved
PLBD1	0.01604731	0	conserved	conserved
PLBD2	0.4609378	0.1565726	conserved	conserved
PLCB1	23.802849	0.37814776	monkey-NSC	conserved
PLCB3	0.11086821	0.20239903	conserved	conserved
PLCB4	1.39783914	0.18775337	conserved	conserved
PLCD1	0.34352881	0.16267909	conserved	conserved
PLCD4	0.25188011	0.41170147	conserved	conserved
PLCE1	7.1870251	0.36375063	conserved	conserved
PLCG1	1.23924765	0.23149497	conserved	conserved
PLCG2	0.07101272	0.0031327	conserved	conserved
PLCH1	0.84535825	0.07770988	conserved	conserved
PLCH2	0.04022283	0.00374955	conserved	conserved
PLCL1	1.53504203	0.12554466	conserved	conserved
PLCL2	0.62957413	0.03086388	conserved	conserved
PLCZ1	0.00605627	0	conserved	conserved

PLD1	0.3153319	0.19395544	conserved	conserved
PLD2	0.37448001	0.31079118	conserved	conserved
PLD3	2.85340476	0.38990754	conserved	conserved
PLD4	0	0.01114333	conserved	conserved
PLD5	0.2979743	0.01617983	conserved	conserved
PLD6	0.01554153	0.00768603	conserved	conserved
PLEK	0.05304978	0.02517487	conserved	conserved
PLEK2	0.00625304	0.00365779	conserved	conserved
PLEKHA1	0.80598977	0.12213936	conserved	conserved
PLEKHA3	0.17455894	0.08517344	conserved	conserved
PLEKHA4	0.01627624	0.0167145	conserved	conserved
PLEKHA5	5.5372975	0.15859488	conserved	conserved
PLEKHA6	3.81516784	0.03325699	monkey-NSC	conserved
PLEKHA7	3.66046237	0.10491473	conserved	conserved
PLEKHA8	0.30911446	0.10938921	conserved	conserved
PLEKHB1	0.5852564	0.41828691	conserved	conserved
PLEKHD1	0.03411123	0	conserved	conserved
PLEKHF2	0.12094699	0.42830972	conserved	conserved
PLEKHG1	2.22466105	0.36273239	monkey-NSC	conserved
PLEKHG2	0.24472574	0.13630135	conserved	conserved
PLEKHG3	0.68846785	0.05513507	conserved	conserved
PLEKHG5	0.10889101	0.04435451	conserved	conserved
PLEKHG6	0.0285669	0	conserved	conserved
PLEKHH1	0.90415949	0.01004341	conserved	conserved
PLEKHH2	0.71149797	0.00343217	conserved	conserved
PLEKHM2	1.33049949	0.12851347	conserved	conserved
PLEKHM3	0.97668107	0.04426498	conserved	conserved
PLEKHN1	0.00078627	0.01343586	conserved	conserved
PLEKHO1	0.64462281	0.49479948	conserved	conserved
PLEKHS1	0.00523058	0.00636644	conserved	conserved
PLGRKT	0.39384817	0.78223768	conserved	conserved
PLIN1	0.11296643	0.01274464	conserved	conserved
PLIN3	0.14940014	0.47373208	conserved	conserved
PLIN4	0.02552437	0.00809923	conserved	conserved
PLIN5	0.25258816	0.00194484	conserved	conserved
PLK1	0.26840368	0.00708687	conserved	conserved
PLK2	0.18879575	0.18457745	conserved	conserved
PLK3	0.03820951	0.02019974	conserved	conserved
PLK4	0.04128909	0.09823871	conserved	conserved
PLOD1	0.1723584	0.21640543	conserved	conserved
PLOD2	0.49569964	0.28255548	conserved	conserved

PLOD3	0.0546248	0.10635141	conserved	conserved
PLP1	1.60955476	0.47368052	monkey-NSC	conserved
PLPP1	0.94450618	0.23366958	conserved	conserved
PLPP5	0.31336208	0.15500827	conserved	conserved
PLPP7	0.07635566	0.13883451	conserved	conserved
PLPPR1	1.24156253	0.14679033	monkey-NSC	conserved
PLPPR2	0.5076289	0.27306814	conserved	conserved
PLPPR4	0.98906619	0.12947625	conserved	conserved
PLPPR5	0.75886622	0.08181101	conserved	conserved
PLRG1	0.09503304	0.16489402	conserved	conserved
PLS3	0.16454019	0.20618868	conserved	conserved
PLSCR4	0.63048445	0.13130461	conserved	conserved
PLSCR5	0.0009451	0	conserved	conserved
PLTP	0.45323382	0.15313077	conserved	conserved
PLVAP	0.01022308	0.01064581	conserved	conserved
PLXDC1	0.0437433	0.00387386	conserved	conserved
PLXDC2	5.17744802	0.18374981	monkey-NSC	conserved
PLXNA1	0.22516273	0.12567082	conserved	conserved
PLXNA2	1.80287431	0.68414548	conserved	conserved
PLXNA3	0.17924795	0.18072484	conserved	conserved
PLXNA4	2.16986774	0.14933055	conserved	conserved
PLXNB1	1.31700305	1.17854408	monkey-NSC	conserved
PLXNB2	0.23947524	0.47408775	conserved	conserved
PM20D1	0.01746055	0.03212846	conserved	conserved
PMCH	0	0.00707158	conserved	conserved
PMEL	0.00228532	0.00442308	conserved	conserved
PMEPA1	0.18684979	0.35399262	conserved	conserved
PMFBP1	0.0611434	0	conserved	conserved
PML	0.30608072	0.06214611	conserved	conserved
PMM1	0.13311459	1.25260475	conserved	conserved
PMM2	0.28616372	0.22404928	conserved	conserved
PMP2	0.01936132	0	conserved	conserved
PMP22	1.96307966	0.34067968	conserved	conserved
PMPCA	0.1525866	0.41841442	conserved	conserved
PMPCB	0.21616839	0.35702275	conserved	conserved
PMS1	0.74711874	0.04726737	conserved	conserved
PMVK	0.06867382	1.31108201	conserved	conserved
PNCK	0.03778849	0.24452214	conserved	conserved
PNISR	4.20874189	4.65933829	conserved	conserved
PNKP	0.16341997	0.24453183	conserved	conserved
PNLDC1	0.07172403	0	conserved	conserved

PNLIP	0.00402631	0	conserved	conserved
PNLIPRP1	0.00514396	0	conserved	conserved
PNLIPRP2	0.00107904	0	conserved	conserved
PNMA1	0.01015933	0.00645985	conserved	conserved
PNMA2	0.02162608	0.02196034	conserved	conserved
PNMA3	0.02500144	0.03853852	conserved	conserved
PNOC	0.02544318	0.00069856	conserved	conserved
PNPLA1	0.01851507	0	conserved	conserved
PNPLA3	0.62950602	0.02863897	conserved	conserved
PNPLA5	0	0	conserved	conserved
PNPLA7	0.61276888	0.11624322	monkey-NSC	conserved
PNPLA8	0.5007993	0.67921358	conserved	conserved
PNPO	0.09318011	0.04377472	conserved	conserved
PNPT1	0.47974812	0.10522584	conserved	conserved
PNRC2	0.09394488	1.26225759	mouse-RGL	conserved
POC1A	0.03207405	0.02425888	conserved	conserved
POC1B	1.51705489	0.19766214	conserved	conserved
PODN	0.01364943	0.04066168	conserved	conserved
PODXL2	0.12096369	1.16255845	conserved	conserved
POFUT1	0.79469002	0.27989802	conserved	conserved
POGK	0.19578012	0.42710455	conserved	conserved
POGLUT1	0.42044833	0.34887834	conserved	conserved
POGZ	4.60165792	0.33883169	conserved	conserved
POLA1	0.96467456	0.0840599	conserved	conserved
POLD1	0.03828081	0.06892997	conserved	conserved
POLD2	0.08740874	0.3812078	conserved	conserved
POLDIP2	0.09058406	0.88770642	mouse-RGL	conserved
POLDIP3	0.22265726	0.48185759	conserved	conserved
POLE4	0.05849887	1.44461086	mouse-RGL	conserved
POLG	0.19080812	0.28915047	conserved	conserved
POLG2	0.15093986	0.11870241	conserved	conserved
POLH	0.33744116	0	conserved	conserved
POLI	0.35955388	0.05975856	conserved	conserved
POLK	0.97810477	0.05908355	conserved	conserved
POLM	0.02145855	0.08371529	conserved	conserved
POLN	0.26012377	0.00467569	conserved	conserved
POLQ	0.04130676	0.00717356	conserved	conserved
POLR1A	0.36910067	0.16243962	conserved	conserved
POLR1B	0.35035124	0.10104313	conserved	conserved
POLR1C	0.1328725	0.7116941	conserved	conserved
POLR1E	0.08353366	0.10553358	conserved	conserved

POLR2B	0.53933274	0.28639653	conserved	conserved
POLR2C	0.04549546	0.81778859	conserved	conserved
POLR2D	0.10508126	0.83014444	conserved	conserved
POLR2E	0.14363033	1.41519115	mouse-RGL	conserved
POLR2F	0.39892702	2.36351538	conserved	conserved
POLR2G	0.0870279	1.20079736	mouse-RGL	conserved
POLR2H	0.08191977	0.82701001	mouse-RGL	conserved
POLR2I	0.00950059	1.64241615	mouse-RGL	conserved
POLR3A	0.74633321	0.08087687	conserved	conserved
POLR3B	0.46845232	0.1321172	conserved	conserved
POLR3C	0.19686661	0.24831967	conserved	conserved
POLR3D	0.08374828	0.25853153	conserved	conserved
POLR3E	0.47422004	0.12364108	conserved	conserved
POLR3F	0.17145836	0.25843577	conserved	conserved
POLR3H	0.24085312	2.61054032	mouse-RGL	conserved
POMGNT1	0.27377276	0.23296571	conserved	conserved
POMGNT2	0.06800775	0.06310363	conserved	conserved
POMP	0.20511276	3.4398556	mouse-RGL	conserved
POMT1	0.33260118	0.12861847	conserved	conserved
POMT2	0.22310117	0.10707468	conserved	conserved
PON1	0.00358261	0	conserved	conserved
PON2	1.31437294	1.5305998	conserved	conserved
PON3	0.40465751	0.01921496	conserved	conserved
POP4	0.03077942	0.36442517	conserved	conserved
POP5	0.11056061	0.61674732	conserved	conserved
POP7	0.0428962	0.47602039	conserved	conserved
POPDC2	0.04091959	0.01286248	conserved	conserved
POPDC3	0.06006262	0.00872013	conserved	conserved
POR	0.536375	0.43853895	conserved	conserved
PORCN	0.02490173	0.16584757	conserved	conserved
POSTN	0.01545028	0	conserved	conserved
POU1F1	0	0	conserved	conserved
POU2AF1	0.00577429	0	conserved	conserved
POU2F1	5.04305217	0.91335741	monkey-NSC	conserved
POU2F2	0.05180285	0.08411576	conserved	conserved
POU2F3	0.04839365	0.00203474	conserved	conserved
POU3F4	0.01527444	0.09377558	conserved	conserved
POU4F2	0	0	conserved	conserved
POU6F1	0.68364801	0.34974283	conserved	conserved
POU6F2	0.39957277	0.00243806	conserved	conserved
PP2D1	0.08366768	0	conserved	conserved

PPA1	0.30153698	0.79301073	conserved	conserved
PPA2	1.12718594	0.59085163	conserved	conserved
PPARA	1.08943492	0.05378956	monkey-NSC	conserved
PPARD	0.14887766	0.08972161	conserved	conserved
PPARG	0.20675819	0.00382203	conserved	conserved
PPARGC1A	1.62261529	0.28652886	monkey-NSC	conserved
PPARGC1B	0.18332232	0.01450092	conserved	conserved
PPAT	0.17546062	0.12146863	conserved	conserved
PPBP	0	0	conserved	conserved
PPEF1	0.09716477	0	conserved	conserved
PPEF2	0.00973241	0.06185163	conserved	conserved
PPFIA1	3.18116594	0.21402433	conserved	conserved
PPFIA2	10.8751199	0.0392702	monkey-NSC	conserved
PPFIA4	0.34261635	0.02794276	conserved	conserved
PPFIBP1	0.72950817	0.04854629	conserved	conserved
PPFIBP2	0.43443807	0.09008417	conserved	conserved
PPHLN1	1.39695339	0.3114777	conserved	conserved
PPIB	0.2862113	2.61675073	conserved	conserved
PPIC	0.11024043	0.24943231	conserved	conserved
PPIE	0.09690062	0.39657862	conserved	conserved
PPIF	0.04443697	0.14231409	conserved	conserved
PPIL4	0.40176361	0.39070126	conserved	conserved
PPIL6	0.3224298	0.05682736	conserved	conserved
PPIP5K2	1.31534438	0.09645736	conserved	conserved
PPM1E	0.46398343	0.16545051	conserved	conserved
PPM1F	0.22579073	0.16576426	conserved	conserved
PPM1G	0.33853542	0.62324699	conserved	conserved
PPM1H	1.54848287	0.08174597	monkey-NSC	monkey-NSC1-enriched
PPM1K	0.56087665	0.31472764	conserved	conserved
PPM1L	3.56211403	0.26859794	conserved	conserved
PPM1M	0.01448052	0.26989667	conserved	conserved
PPM1N	0.01544792	0.02670732	conserved	conserved
PPME1	0.76054488	0.36407579	conserved	conserved
PPOX	0.29159139	0.32321841	conserved	conserved
PPP1CA	0.08715558	3.47569602	mouse-RGL	conserved
PPP1CB	1.96332033	1.93398687	conserved	conserved
PPP1R10	0.59501253	0.51512981	conserved	conserved
PPP1R11	0.10367739	1.51999174	conserved	conserved
PPP1R12A	3.56278642	0.50516836	conserved	conserved
PPP1R12B	5.69676521	0.11610685	monkey-NSC	conserved
PPP1R13B	1.25027014	0.060084	monkey-NSC	conserved

PPP1R14C	0.26362506	0.63052666	conserved	conserved
PPP1R15A	0.04551124	0.71512412	mouse-RGL	conserved
PPP1R15B	0.11251886	0.28611472	conserved	conserved
PPP1R17	1.63450748	0	monkey-NSC	conserved
PPP1R18	0.02587086	0.04249246	conserved	conserved
PPP1R1C	0.06811335	0	conserved	conserved
PPP1R21	0.69278562	0.15746589	conserved	conserved
PPP1R35	0.25764111	0.59910101	conserved	conserved
PPP1R37	0.2920305	0.36756617	conserved	conserved
PPP1R3B	0.00624896	0	conserved	conserved
PPP1R3C	1.23192855	0.46658893	monkey-NSC	conserved
PPP1R3E	0.00556787	0.02734632	conserved	conserved
PPP1R42	0.19588585	0.01741792	conserved	conserved
PPP1R9A	2.78405894	0.69545928	conserved	conserved
PPP1R9B	0.11047113	0.36494285	conserved	conserved
PPP2CB	0.60102033	0.3624604	conserved	conserved
PPP2R1A	0.45947665	1.00771669	conserved	conserved
PPP2R1B	1.00884098	0.16452042	conserved	conserved
PPP2R2A	1.03086254	0.95954398	conserved	conserved
PPP2R2B	18.5380418	1.1748206	conserved	conserved
PPP2R2C	1.25045325	0.10336454	conserved	conserved
PPP2R2D	0.90341142	0.31095652	conserved	conserved
PPP2R3A	1.54420595	0.44347855	conserved	conserved
PPP2R3C	0.48672481	0.4416841	conserved	conserved
PPP2R5A	2.15962633	0.52503287	conserved	conserved
PPP2R5B	0.2175526	0.38908663	conserved	conserved
PPP2R5D	0.28572963	0.3173693	conserved	conserved
PPP2R5E	2.30348158	0.56476057	conserved	conserved
PPP3CA	11.5581108	2.11308528	conserved	conserved
PPP3CB	0.95922166	0.56569252	conserved	conserved
PPP3CC	1.26606079	0.05039608	conserved	conserved
PPP4C	0.26053673	1.18078057	conserved	conserved
PPP4R4	0.65296102	0.02904238	conserved	conserved
PPP5C	0.71094764	0.49037636	conserved	conserved
PPP6R1	0.35305808	0.06643474	conserved	conserved
PPP6R2	1.58243954	0.03504215	monkey-NSC	conserved
PPP6R3	1.82661694	0.31332098	conserved	conserved
PPRC1	0.15886925	0.0713524	conserved	conserved
PPT1	0.23661363	0.9643046	conserved	conserved
PPWD1	0.50453671	0.10600781	conserved	conserved
PPY	0	0	conserved	conserved

PQBP1	0.07408685	0.41274324	conserved	conserved
PRC1	0.11577098	0.06357436	conserved	conserved
PRCP	0.84248888	0.28203215	conserved	conserved
PRDM1	0.09226495	0	conserved	conserved
PRDM10	0.73462133	0.04113666	conserved	conserved
PRDM11	0.23015247	0.13455125	conserved	conserved
PRDM13	0	0	conserved	conserved
PRDM16	2.32578433	0.16819428	monkey-NSC	conserved
PRDM4	0.258579	0.12662324	conserved	conserved
PRDM5	1.55980168	0.20621713	conserved	conserved
PRDM8	0.12469916	0.06030029	conserved	conserved
PRDX1	0.06108774	7.14972508	mouse-RGL	conserved
PRDX3	0.33956504	0.58126339	conserved	conserved
PRDX4	0.04262548	0.83281197	conserved	conserved
PRDX5	0.21731041	3.13777697	mouse-RGL	conserved
PRELID2	0.01218301	0.05220284	conserved	conserved
PRELP	0.30763176	0.39728841	conserved	conserved
PREP	0.75959363	0.04477921	conserved	conserved
PREPL	1.46223218	0.03246509	conserved	conserved
PREX1	7.94030834	1.04683977	monkey-NSC	conserved
PREX2	15.4234648	2.01275243	monkey-NSC	conserved
PRG3	0	0	conserved	conserved
PRG4	0	0	conserved	conserved
PRICKLE1	0.76309179	0.07812495	conserved	conserved
PRICKLE2	1.69644018	0.14604937	monkey-NSC	conserved
PRICKLE3	0.01868038	0.006088	conserved	conserved
PRIMPOL	0.65939552	0.01981851	conserved	conserved
PRKAA2	0.10503022	0.04410436	conserved	conserved
PRKAB1	0.07466792	0.07541612	conserved	conserved
PRKAB2	0.31220235	0.14040891	conserved	conserved
PRKACA	0.50672068	0.69038726	conserved	conserved
PRKACB	2.08069475	0.66636638	conserved	conserved
PRKAG1	0.66305675	0.4868488	conserved	conserved
PRKAG2	2.05840947	0.28050853	conserved	conserved
PRKAR2A	1.32842165	0.67451584	conserved	conserved
PRKAR2B	0.67623138	0.13597224	conserved	conserved
PRKCA	10.2920233	0.30342	monkey-NSC	conserved
PRKCB	0.76709353	0.13973242	conserved	conserved
PRKCD	0.02178704	0.13379394	conserved	conserved
PRKCE	3.6672964	0.36727308	conserved	conserved
PRKCG	0.26313865	0.0178127	conserved	conserved

PRKCI	0.68453366	0.19905614	conserved	conserved
PRKCQ	3.02081141	0.00559822	monkey-NSC	conserved
PRKD1	6.47497351	0.227286	conserved	conserved
PRKD2	0.24484746	0.10852792	conserved	conserved
PRKD3	0.44373917	0.72892833	conserved	conserved
PRKG1	38.1663481	0.07464746	conserved	conserved
PRLHR	0	0	conserved	conserved
PRM2	0	0	conserved	conserved
PRMT2	1.3307578	0.78494463	conserved	conserved
PRMT3	1.1342114	0.24443108	conserved	conserved
PRMT5	0.04715754	0.5368486	conserved	conserved
PRMT7	0.25673804	0.41434008	conserved	conserved
PRMT8	0.07187185	0.03556516	conserved	conserved
PRNP	0.54125073	3.69999671	conserved	conserved
PROCA1	0.30867174	0.30678818	conserved	conserved
PROCR	0.09588141	0	conserved	conserved
PRODH2	0.00257615	0	conserved	conserved
PROK1	0.01037117	0	conserved	conserved
PROK2	0.0006777	0	conserved	conserved
PROKR2	0.02497612	0.00676844	conserved	conserved
PROM1	0.05401899	0.57751775	conserved	conserved
PROP1	0.00118255	0	conserved	conserved
PROS1	0.20044878	0.04225071	conserved	conserved
PROSER1	0.12080549	0.50692151	conserved	conserved
PROSER2	0.03067788	0.00919572	conserved	conserved
PROX1	0.30989903	1.08540657	mouse-RGL	conserved
PROX2	0.00510617	0.00576906	conserved	conserved
PROZ	0.04669436	0	conserved	conserved
PRPF19	0.20327317	1.27662011	conserved	conserved
PRPF3	0.47162325	0.18041217	conserved	conserved
PRPF31	0.14240811	0.52014265	conserved	conserved
PRPF38A	0.05941077	0.64707442	conserved	conserved
PRPF4	0.07961432	0.16862273	conserved	conserved
PRPF40A	1.32609883	0.95415261	conserved	conserved
PRPF40B	0.47106961	0.23289451	conserved	conserved
PRPF4B	1.4111974	1.02296554	conserved	conserved
PRPF6	0.86931035	0.27000377	conserved	conserved
PRPF8	0.579107	0.35576728	conserved	conserved
PRPSAP1	0.59839108	0.60806594	conserved	conserved
PRPSAP2	0.53572636	0.32521576	conserved	conserved
PRR11	0.08744814	0.01299768	conserved	conserved

PRR14	0.07633412	0.24681129	conserved	conserved
PRR14L	2.03596132	0.1824262	conserved	conserved
PRR15	0.0020225	0	conserved	conserved
PRR15L	0.00192136	0	conserved	conserved
PRR16	2.34472887	0.00467569	monkey-NSC	monkey-NSC1-enriched
PRR19	0	0	conserved	conserved
PRR27	0	0	conserved	conserved
PRR29	0	0	conserved	conserved
PRR3	0.28324835	0.56567393	conserved	conserved
PRR5L	0.03189299	0.02013584	conserved	conserved
PRRC1	0.18403527	0.23555077	conserved	conserved
PRRC2A	0.44550602	0.821644	conserved	conserved
PRRC2B	1.24490707	0.80600223	conserved	conserved
PRRC2C	2.07389543	0.94595548	conserved	conserved
PRRG4	0.018246	0	conserved	conserved
PRRT1	0.0930333	0.1978481	conserved	conserved
PRRT2	0.06855935	0	conserved	conserved
PRRT3	0.03685471	0.03121024	conserved	conserved
PRSS12	0.32787216	0.01827125	conserved	conserved
PRSS22	0.04503945	0	conserved	conserved
PRSS33	0	0	conserved	conserved
PRSS35	0.01071258	0.00897693	conserved	conserved
PRSS36	0.00114212	0.23324384	conserved	conserved
PRSS37	0.00156737	0	conserved	conserved
PRSS48	0.06484552	0	conserved	conserved
PRSS54	0.07203279	0	conserved	conserved
PRSS55	0.7289636	0	conserved	conserved
PRSS56	0.00244152	0.01930644	conserved	conserved
PRSS58	0	0	conserved	conserved
PRTG	0.20453509	0.02391203	conserved	conserved
PRUNE2	0.75377767	0.04537444	conserved	conserved
PRX	0.02095239	0.00515469	conserved	conserved
PSAP	1.76124987	4.19171004	monkey-NSC	conserved
PSD	0.273942	0.14673001	conserved	conserved
PSD2	2.76260297	0.19689637	monkey-NSC	conserved
PSD4	0.02520141	0	conserved	conserved
PSEN1	1.05490155	0.25488536	conserved	conserved
PSIP1	1.04484599	2.90765834	mouse-RGL	conserved
PSKH1	0.35150972	0.14034843	conserved	conserved
PSMA2	0.12138954	2.02853281	mouse-RGL	conserved
PSMA4	0.19151639	2.99955944	mouse-RGL	conserved

PSMA5	0.23540508	1.83191962	mouse-RGL	conserved
PSMA7	0.31481557	3.95176415	mouse-RGL	conserved
PSMA8	0.02703767	0	conserved	conserved
PSMB11	0	0	conserved	conserved
PSMB2	0.23775759	3.33736969	mouse-RGL	conserved
PSMB3	0.17085499	2.45901745	mouse-RGL	conserved
PSMB4	0.04085987	1.71047784	mouse-RGL	conserved
PSMB5	0.16704312	1.97309954	mouse-RGL	conserved
PSMB6	0.08446923	4.27132103	mouse-RGL	conserved
PSMB9	0.02227125	0.02145865	conserved	conserved
PSMC2	0.33365394	0.55674299	conserved	conserved
PSMC3	0.0727293	1.25473244	conserved	conserved
PSMC3IP	0.0278402	0.34593905	conserved	conserved
PSMC4	0.09467552	1.14930252	mouse-RGL	conserved
PSMC5	0.1127328	1.23694314	conserved	conserved
PSMD1	1.56867529	0.87713587	conserved	conserved
PSMD11	0.26206266	1.25578202	conserved	conserved
PSMD12	0.28014183	0.57608761	conserved	conserved
PSMD13	0.31785356	0.86193404	conserved	conserved
PSMD14	1.24362729	1.25239448	conserved	conserved
PSMD2	0.18953121	0.79890819	conserved	conserved
PSMD3	0.31399608	0.63359345	conserved	conserved
PSMD4	0.33609323	1.41256718	conserved	conserved
PSMD5	0.3914172	0.35669601	conserved	conserved
PSMD6	0.0760428	0.72589658	conserved	conserved
PSMD7	0.34994022	1.56355763	conserved	conserved
PSMD8	0.21162461	1.72065278	mouse-RGL	conserved
PSME1	0.0740283	0.94483638	mouse-RGL	conserved
PSME3	0.12950787	0.51842885	conserved	conserved
PSME4	2.24468005	0.40065849	conserved	conserved
PSMF1	0.66408807	0.34982951	conserved	conserved
PSMG3	0.03714625	0.48857909	conserved	conserved
PSMG4	0.44081479	1.70115109	conserved	conserved
PSORS1C2	0.00058825	0.01630608	conserved	conserved
PSPC1	1.84131721	0.54363438	conserved	conserved
PSRC1	0.05540061	0.01369223	conserved	conserved
PSTK	0.04155455	0.29151344	conserved	conserved
PSTPIP1	0.01785871	0.02980197	conserved	conserved
PSTPIP2	0.0555666	0	conserved	conserved
PTAFR	0.0089091	0	conserved	conserved
PTAR1	0.82147279	0.02984336	conserved	conserved

PTBP2	3.21258521	0.62794171	conserved	conserved
PTBP3	0.45949747	0.22300249	conserved	conserved
PTCD2	0.22410821	0.22418907	conserved	conserved
PTCD3	0.48417866	0.11423971	conserved	conserved
PTCH1	3.30991693	0.90131257	conserved	conserved
PTCHD1	0.20595067	0	conserved	conserved
PTCHD3	0.00278974	0	conserved	conserved
PTCHD4	0.23174679	0.04658353	conserved	conserved
PTDSS1	0.28398293	0.34912321	conserved	conserved
PTER	0.06204158	0.38579721	conserved	conserved
PTGDR	0	0	conserved	conserved
PTGER3	0.10241431	0	conserved	conserved
PTGER4	0.00618575	0	conserved	conserved
PTGES	0.00411023	0.12057601	conserved	conserved
PTGES3	0.86921469	2.18809539	mouse-RGL	conserved
PTGFR	0.18627926	0	conserved	conserved
PTGFRN	0.45087787	0.6011551	conserved	conserved
PTGIS	0.00987662	0.01400781	conserved	conserved
PTGS1	0.01642451	0	conserved	conserved
PTGS2	0	0	conserved	conserved
PTH1R	0.26336094	0.03910391	conserved	conserved
PTH2R	0.02015146	0	conserved	conserved
PTHLH	0.0197377	0.07892138	conserved	conserved
PTK2	7.01222244	0.35059428	conserved	conserved
PTK2B	0.73876452	0.03223302	conserved	conserved
PTK7	0.29810386	0.19448772	conserved	conserved
PTN	2.74732935	28.7309362	conserved	conserved
PTP4A2	0.71838385	1.9286645	conserved	conserved
PTPDC1	0.34514142	0.1527995	conserved	conserved
PTPN1	0.80795523	0.44883009	conserved	conserved
PTPN12	1.05413985	0.37644511	conserved	conserved
PTPN14	0.98396094	0.00507983	conserved	conserved
PTPN18	0.07272713	0.01563896	conserved	conserved
PTPN20	0.01832996	0	conserved	conserved
PTPN22	0.10104774	0.01087137	conserved	conserved
PTPN3	0.82895643	0.01336544	conserved	conserved
PTPN4	2.88349705	0.3930311	monkey-NSC	conserved
PTPN5	0.21367119	0.04328788	conserved	conserved
PTPN6	0.05787259	0.0094372	conserved	conserved
PTPN7	0.03579775	0	conserved	conserved
PTPN9	1.85327129	0.24504151	monkey-NSC	conserved

PTPRA	4.16851889	1.43943155	conserved	conserved
PTPRB	0.25304956	0.01611425	conserved	conserved
PTPRC	0.03802872	0	conserved	conserved
PTPRD	9.09283259	0.36850334	conserved	conserved
PTPRJ	0.65371063	0.07331153	conserved	conserved
PTPRK	2.21217644	0.03789946	conserved	conserved
PTPRM	4.4947895	0.07248709	conserved	conserved
PTPRN	0.25787974	0.05514506	conserved	conserved
PTPRO	0.86001545	0.05802311	conserved	conserved
PTPRQ	0.19128261	0	conserved	conserved
PTPRR	0.86913987	0	conserved	conserved
PTPRT	0.42577957	0.1176252	conserved	conserved
PTPRU	0.06694847	0.03300874	conserved	conserved
PTPRZ1	13.4507786	16.6047569	conserved	conserved
PTRH1	0.04647638	0.08000453	conserved	conserved
PTRH2	0.08803698	0.38807205	conserved	conserved
PTRHD1	0.00645854	0.54777513	conserved	conserved
PTS	0.16440372	1.09518836	conserved	conserved
PTTG1	0.00787955	0.1799151	conserved	conserved
PTTG1IP	0.43107507	0.9143965	conserved	conserved
PTX4	0.04209781	0.00267113	conserved	conserved
PUF60	0.30932895	1.3476777	mouse-RGL	conserved
PUM1	2.48676345	1.37821923	conserved	conserved
PUM2	1.22281147	0.96425113	conserved	conserved
PUM3	0.29242107	0.22386992	conserved	conserved
PURB	0.0440967	1.21276005	conserved	conserved
PURG	1.06856542	0.19339487	conserved	conserved
PUS1	0.12917741	0.13559408	conserved	conserved
PUS10	1.26110877	0.09009448	conserved	conserved
PUS3	0.12437238	0.17299671	conserved	conserved
PUS7	0.40376865	0.2033352	conserved	conserved
PUS7L	0.39736033	0.03679631	conserved	conserved
PVALB	0.00411283	0	conserved	conserved
PWWP2A	0.67726615	0.35379274	conserved	conserved
PXDC1	0.09482758	0.07950813	conserved	conserved
PXK	1.1776389	0.09658849	conserved	conserved
PXMP2	0.13613765	0.22463661	conserved	conserved
PXN	0.33930727	0.25739664	conserved	conserved
PXYLP1	0.1036949	0.07149411	conserved	conserved
PYCARD	0.0008293	0.59819158	conserved	conserved
PYCR1	0.06543457	0.09305232	conserved	conserved

PYGB	1.19880716	1.80892948	conserved	conserved
PYGL	0.07397728	0.06210301	conserved	conserved
PYGM	0.46314977	0.00309797	conserved	conserved
PYGO2	0.04593819	0.21371156	conserved	conserved
PYROXD1	0.14592358	0.18299416	conserved	conserved
QDPR	0.66167896	0.79060268	conserved	conserved
QPCT	0.03396315	0.0262498	conserved	conserved
QPCTL	0.07170779	0.20659103	conserved	conserved
QRICH1	1.19623206	0.48816136	conserved	conserved
QSER1	0.48105083	0.30756345	conserved	conserved
QSOX2	0.1516134	0.09426721	conserved	conserved
QTRT1	0.11702869	0.23926083	conserved	conserved
R3HCC1	0.04016961	0.21792528	conserved	conserved
R3HCC1L	0.44014507	0.07706315	conserved	conserved
R3HDM1	2.93854954	1.09711249	conserved	conserved
R3HDM2	3.21455893	0.36947312	conserved	conserved
R3HDM4	0.0382697	0.77960178	mouse-RGL	conserved
R3HDML	0.00325788	0	conserved	conserved
RAB10	2.02733765	2.84425105	conserved	conserved
RAB11FIP2	2.09643766	1.46584251	conserved	conserved
RAB11FIP3	1.31468347	0.05571488	conserved	conserved
RAB11FIP4	0.74390179	0.20520497	conserved	conserved
RAB14	0.48874099	3.08606988	mouse-RGL	conserved
RAB15	0.21231102	0.01480757	conserved	conserved
RAB17	0.00152506	0.0037771	conserved	conserved
RAB18	0.7739873	2.30924641	conserved	conserved
RAB19	0.01116491	0	conserved	conserved
RAB1B	0.02435099	0.55397157	conserved	conserved
RAB21	0.58381479	0.14039881	conserved	conserved
RAB22A	0.34148142	0.55516934	conserved	conserved
RAB24	0.23239641	1.54542274	mouse-RGL	conserved
RAB25	0.0077739	0	conserved	conserved
RAB26	0.20198343	0.02007903	conserved	conserved
RAB27A	0.31430899	0.00945927	conserved	conserved
RAB27B	0.18498323	0.02492601	conserved	conserved
RAB28	1.32182507	1.07065712	conserved	conserved
RAB2A	2.87980268	2.35371708	conserved	conserved
RAB2B	0.21791477	0.24573054	conserved	conserved
RAB30	2.3447139	0.16374627	monkey-NSC	conserved
RAB33A	0.01443087	0.07867125	conserved	conserved
RAB33B	0.10699309	0.46238526	conserved	conserved

RAB34	0.41907668	1.10252362	conserved	conserved
RAB35	0.17934535	0.26147146	conserved	conserved
RAB36	0.1352041	0.24940864	conserved	conserved
RAB37	0.03352601	0.01714038	conserved	conserved
RAB38	0.06842677	0.01682669	conserved	conserved
RAB39B	0.0389841	0.22499812	conserved	conserved
RAB3B	0.01524539	0.03214802	conserved	conserved
RAB3C	0.5867133	0.03896557	conserved	conserved
RAB3D	0.16951647	0.08564127	conserved	conserved
RAB3GAP1	1.16969791	0.19099006	conserved	conserved
RAB3GAP2	1.57465262	0.1950549	conserved	conserved
RAB3IL1	0.01932657	0.04875633	conserved	conserved
RAB40C	0.43235756	0.13630038	conserved	conserved
RAB44	0	0	conserved	conserved
RAB5A	1.04241	1.93166163	conserved	conserved
RAB5C	1.71808867	1.45500885	conserved	conserved
RAB6A	2.59725692	1.47251064	conserved	conserved
RAB6B	0.74410471	0.53479295	conserved	conserved
RAB7B	0.00423234	0.05140291	conserved	conserved
RAB8A	0.10841682	0.50607809	conserved	conserved
RAB8B	0.71399167	0.19845199	conserved	conserved
RAB9B	0.08109944	0.01233413	conserved	conserved
RABAC1	0.13079105	1.52344754	conserved	conserved
RABEP2	0.16292993	0.12549699	conserved	conserved
RABEPK	0.38980552	0.23683082	conserved	conserved
RABGAP1	3.6410284	0.36236892	conserved	conserved
RABGAP1L	4.38707192	0.26580431	monkey-NSC	conserved
RABGGTA	0.03814786	0.24385036	conserved	conserved
RABIF	0.07030955	0.41893427	conserved	conserved
RABL3	0.11573865	0.11432261	conserved	conserved
RAC2	0	0.00409477	conserved	conserved
RAC3	0.04490741	0.85406122	conserved	conserved
RAD1	0.05587193	0.21442208	conserved	conserved
RAD17	0.60608651	0.29379314	conserved	conserved
RAD18	0.12803288	0.07192501	conserved	conserved
RAD21	0.58671589	0.72256191	conserved	conserved
RAD23A	0.31801515	0.3282883	conserved	conserved
RAD23B	0.60766765	1.34819603	conserved	conserved
RAD51B	0.73600077	0.00346455	conserved	conserved
RAD51C	0.34158724	0.03655849	conserved	conserved
RAD52	0.60532631	0.17146575	conserved	conserved

RAD54L	0.04136277	0.08654973	conserved	conserved
RAD9A	0.16321895	0.09997437	conserved	conserved
RAD9B	0.14280317	0.12538093	conserved	conserved
RAE1	0.16200657	0.61689383	conserved	conserved
RAF1	1.39888788	0.74064018	conserved	conserved
RAG1	0.03443815	0	conserved	conserved
RAG2	0	0	conserved	conserved
RAI1	0.73186385	0.19507689	conserved	conserved
RAI14	3.00965702	0.0225259	monkey-NSC	conserved
RALA	0.45902077	1.37535971	mouse-RGL	conserved
RALB	0.13046128	0.24538892	conserved	conserved
RALGAPA1	3.84467407	0.25064892	conserved	conserved
RALGAPA2	7.24931777	0.17123995	monkey-NSC	conserved
RALGAPB	1.25926883	0.21223383	conserved	conserved
RALGPS1	2.14216152	0.39833395	monkey-NSC	conserved
RALGPS2	0.7133184	0.5085669	conserved	conserved
RALY	0.19009196	1.59170813	mouse-RGL	conserved
RALYL	0.46639921	0.09990211	conserved	conserved
RAMP1	1.92017941	1.81466755	conserved	conserved
RAMP2	0.00666978	0.85206599	conserved	conserved
RAMP3	0.03950485	0.00146763	conserved	conserved
RANBP1	0.09564854	5.39972127	mouse-RGL	conserved
RANBP10	0.67579173	0.04354641	conserved	conserved
RANBP17	0.30466183	0.02319765	conserved	conserved
RANBP2	1.19005823	0.24901875	conserved	conserved
RANBP3	0.45977873	0.29766734	conserved	conserved
RANBP9	1.23856736	0.30975691	monkey-NSC	conserved
RANGAP1	0.26311588	0.25964335	conserved	conserved
RANGRF	0.01213341	0.65289639	conserved	conserved
RAP1A	0.67259059	1.71294339	conserved	conserved
RAP1GAP	0.37770517	0.23090208	conserved	conserved
RAP1GAP2	0.35433076	0.02869358	conserved	conserved
RAP1GDS1	0.96969659	0.38928667	conserved	conserved
RAP2B	0.00350465	0.4735476	conserved	conserved
RAP2C	0.09743606	0.31308581	conserved	conserved
RAPGEF1	1.26616297	0.25335775	conserved	conserved
RAPGEF2	3.73627744	0.25255279	conserved	conserved
RAPGEF3	0.92387488	0.03989003	conserved	conserved
RAPGEF4	2.05609239	0.09624311	conserved	conserved
RAPGEF5	2.5505445	0.00329745	monkey-NSC	conserved
RAPGEFL1	0.27204204	0.04637499	conserved	conserved

RAPSN	0.03514529	0.00914273	conserved	conserved
RARA	0.04024793	0.02932162	conserved	conserved
RARB	1.12120845	0.01762882	monkey-NSC	conserved
RARG	0.15455305	0.06520342	conserved	conserved
RARRES1	0.11426054	0.00511579	conserved	conserved
RARS2	0.45020405	0.15080331	conserved	conserved
RASA1	2.39280385	0.56161331	conserved	conserved
RASA3	0.23873274	0.47870978	conserved	conserved
RASAL1	0.09970255	0	conserved	conserved
RASAL2	2.05682075	0.30927689	conserved	conserved
RASD1	0.03061555	0.03484718	conserved	conserved
RASGEF1A	0.19812502	0.03485819	conserved	conserved
RASGEF1B	0.23852389	0.04376334	conserved	conserved
RASGRF2	0.89619689	0.01010794	conserved	conserved
RASGRP1	0.51305555	0.18967391	conserved	conserved
RASGRP2	0.16209822	0.14461683	conserved	conserved
RASGRP3	0.1161342	0.01021083	conserved	conserved
RASGRP4	0.0160908	0.00416509	conserved	conserved
RASL10A	0.18801444	0.04200465	conserved	conserved
RASL10B	0.07921826	0.08930087	conserved	conserved
RASL11B	0.01775595	0.06190541	conserved	conserved
RASL12	0.42518454	0.08083386	conserved	conserved
RASSF1	0.26284733	0.45608002	conserved	conserved
RASSF2	0.13065503	0.50321926	conserved	conserved
RASSF3	0.16688166	0.02381805	conserved	conserved
RASSF4	0.91810502	0.11633531	conserved	conserved
RASSF5	0.06476064	0.00169459	conserved	conserved
RASSF6	0.00260509	0	conserved	conserved
RASSF7	0.08878439	0.03186764	conserved	conserved
RASSF8	0.51071439	0.10750455	conserved	conserved
RASSF9	0.00384151	0	conserved	conserved
RAVER2	1.46335943	0.15667883	conserved	conserved
RB1	1.41066776	0.48937085	conserved	conserved
RB1CC1	1.79143165	0.50065192	conserved	conserved
RBAK	0.65250234	0.08256478	conserved	conserved
RBBP5	0.21872242	0.1216438	conserved	conserved
RBBP6	1.0204845	1.65708864	conserved	conserved
RBBP7	0.35289597	1.12509631	conserved	conserved
RBBP8	0.06611944	0.10631849	conserved	conserved
RBBP9	0.05170371	0.50973998	conserved	conserved
RBCK1	0.35975964	0.54309076	conserved	conserved

RBFOX1	29.3694299	0.15279649	monkey-NSC	conserved
RBFOX2	4.72974332	0.30402598	conserved	conserved
RBFOX3	0.38458901	0.15857543	conserved	conserved
RBKS	0.51832931	0.01607209	conserved	conserved
RBL1	0.54247148	0.05020416	conserved	conserved
RBL2	0.93039547	0.19269891	conserved	conserved
RBM10	0.33258633	0.31200053	conserved	conserved
RBM11	0.04127813	0.01452139	conserved	conserved
RBM15	0.08083887	0.2378476	conserved	conserved
RBM17	0.53641554	1.06378514	conserved	conserved
RBM18	0.11749903	0.64637741	conserved	conserved
RBM19	0.22911092	0.08051947	conserved	conserved
RBM20	0.10874873	0.27561362	conserved	conserved
RBM22	0.16461231	0.44576664	conserved	conserved
RBM24	0.0877859	0.17244758	conserved	conserved
RBM25	2.42527448	2.67639453	conserved	conserved
RBM26	1.69852073	0.52157815	conserved	conserved
RBM28	0.39038967	0.32817129	conserved	conserved
RBM33	1.59900566	0.17112527	conserved	conserved
RBM38	0.11995662	0.17831054	conserved	conserved
RBM41	1.27792819	0.0430978	conserved	conserved
RBM42	0.08263764	0.66582685	conserved	conserved
RBM43	0.08658687	0.07918201	conserved	conserved
RBM44	0.07386005	0.00269126	conserved	conserved
RBM45	0.26662466	0.10285268	conserved	conserved
RBM46	0.00353668	0.14413726	conserved	conserved
RBM48	0.08691969	0.16570903	conserved	conserved
RBM5	2.74615752	1.20925459	conserved	conserved
RBMS1	0.1588624	0.03924323	conserved	conserved
RBMS2	0.36141573	0.22519806	conserved	conserved
RBMS3	0.56020657	0.17231715	conserved	conserved
RBP1	0.03432042	0.14151858	conserved	conserved
RBP3	0.00096898	0	conserved	conserved
RBP4	0.07922852	0.42660706	conserved	conserved
RBP7	0.00885567	0.00325734	conserved	conserved
RBPJ	1.69096227	0.51149953	conserved	conserved
RBPJL	0.01894647	0.03428601	conserved	conserved
RBPMS2	0.13862043	0.03212683	conserved	conserved
RBSN	0.34867946	0.24198754	conserved	conserved
RC3H1	1.24386669	0.35182311	conserved	conserved
RC3H2	0.74291118	0.51418266	conserved	conserved

RCAN1	0.30869588	0.19617937	conserved	conserved
RCAN3	0.06346161	0.15028978	conserved	conserved
RCBTB1	0.25527864	0.2584742	conserved	conserved
RCBTB2	0.31002887	0.59956227	conserved	conserved
RCC2	0.20533341	0.55801767	conserved	conserved
RCCD1	0.09869888	0.28396362	conserved	conserved
RCE1	0.07228588	0.13257006	conserved	conserved
RCHY1	1.26661238	1.09760508	conserved	conserved
RCN2	0.46484487	3.11591285	conserved	conserved
RCOR1	0.76245947	0.17258503	conserved	conserved
RCOR2	0.01796127	0.12834341	conserved	conserved
RCOR3	1.44028798	0.20718273	monkey-NSC	conserved
RCSD1	0.05631363	0.00325899	conserved	conserved
RD3L	0	0	conserved	conserved
RDH10	0.07306185	0.23643957	conserved	conserved
RDH11	0.14850389	0.238706	conserved	conserved
RDH12	0.00525359	0	conserved	conserved
RDH8	0.00786556	0	conserved	conserved
RDM1	0.00434462	0.27692159	conserved	conserved
RDX	1.23068888	1.74462928	conserved	conserved
REC114	0.02466751	0	conserved	conserved
REC8	0.00192282	0.00474123	conserved	conserved
RECK	0.86954415	0.02458747	conserved	conserved
RECQL	0.12297117	0.09907957	conserved	conserved
RECQL5	0.25754683	0.11147088	conserved	conserved
REEP1	0.30567862	0.1484849	conserved	conserved
REEP2	0.35313376	0.18574192	conserved	conserved
REEP3	1.58889865	1.99922007	conserved	conserved
REEP4	0.0041088	0.04345255	conserved	conserved
REEP5	0.76419286	2.53662203	conserved	conserved
REG4	0.00270095	0	conserved	conserved
REL	0.17453523	0.00781125	conserved	conserved
RELA	0.16162861	0.27733922	conserved	conserved
RELB	0.12000824	0.03327277	conserved	conserved
RELL1	0.03848892	0.30172925	conserved	conserved
RELL2	0.03228552	0.0349072	conserved	conserved
RELN	0.63532827	0.09196815	conserved	conserved
RELT	0.04770061	0.0180532	conserved	conserved
RENBP	0.09621511	0.08591852	conserved	conserved
REPS2	0.59592896	0.02704533	conserved	conserved
RER1	0.32656579	1.24663764	conserved	conserved

RERG	1.02830155	0.07920856	conserved	conserved
RERGL	0.00092183	0	conserved	conserved
REST	0.34408563	0.5986444	conserved	conserved
RET	0.00312454	0	conserved	conserved
RETSAT	0.21763273	0.04413166	conserved	conserved
REV1	1.27959076	0.26207924	conserved	conserved
REV3L	7.41205875	0.34333844	conserved	conserved
REXO2	0.12317861	1.44204782	mouse-RGL	conserved
REXO4	0.31753595	0.30205779	conserved	conserved
RFC2	0.092706	0.87754167	conserved	conserved
RFC3	0.06933143	0.33074706	conserved	conserved
RFC4	0.07526046	0.19361617	conserved	conserved
RFC5	0.07614228	0.17097832	conserved	conserved
RFESD	0.09235157	0.10992625	conserved	conserved
RFNG	0.07414062	0.39590106	conserved	conserved
RFTN1	0.21209561	0.01967095	conserved	conserved
RFTN2	4.10845028	1.06023303	conserved	conserved
RFWD3	0.25968766	0.10411612	conserved	conserved
RFX2	2.04935637	0.05708985	monkey-NSC	conserved
RFX3	4.93408125	0.59900988	conserved	conserved
RFX6	0.00173474	0	conserved	conserved
RFX7	2.66270793	0.43041056	conserved	conserved
RFX8	0.01673122	0	conserved	conserved
RFXANK	0.15358604	0.31522513	conserved	conserved
RFXAP	0.21071896	0.35703063	conserved	conserved
RGCC	2.33848268	1.22463369	monkey-NSC	conserved
RGL1	3.04228036	0.10165786	conserved	conserved
RGL2	0.6618235	0.39857093	conserved	conserved
RGMA	2.55132845	1.6092565	monkey-NSC	conserved
RGMB	0.29085032	0.1670085	conserved	conserved
RGN	0.31663081	0.00532622	conserved	conserved
RGR	0.12225395	0.00146763	conserved	conserved
RGS1	0.00080921	0	conserved	conserved
RGS10	0.02988608	0.04143037	conserved	conserved
RGS11	0.11517745	0.0651177	conserved	conserved
RGS12	1.70070193	0.21801468	conserved	conserved
RGS13	0.00383028	0.00707395	conserved	conserved
RGS14	0.09371929	0	conserved	conserved
RGS16	0.03231621	0.05854549	conserved	conserved
RGS17	0.22635028	0.1541908	conserved	conserved
RGS18	0.01684449	0	conserved	conserved

RGS19	0.01517276	0.21739966	conserved	conserved
RGS2	0.01517646	0.11935086	conserved	conserved
RGS20	9.71566612	1.59195046	monkey-NSC	conserved
RGS22	0.74695772	0.00178496	conserved	conserved
RGS3	0.23420844	0.18719945	conserved	conserved
RGS4	0.06817563	0.06944885	conserved	conserved
RGS5	0.10160208	1.00908584	mouse-RGL	conserved
RGS6	1.36744537	0.04904429	conserved	conserved
RGS7	12.8007345	0.07177312	monkey-NSC	conserved
RGS7BP	0.41980864	0.16842936	conserved	conserved
RGS8	0.07300046	0.01208745	conserved	conserved
RGS9	1.02222631	0.05344123	conserved	conserved
RHAG	0.01177573	0	conserved	conserved
RHBDD1	0.67847178	0.11962791	conserved	conserved
RHBDD2	0.24745316	0.3579086	conserved	conserved
RHBDD3	0.21551809	0.09964143	conserved	conserved
RHBDF2	0.01230867	0.00359136	conserved	conserved
RHBDL1	0.19341076	0	conserved	conserved
RHBDL2	0.82877388	0.06672219	conserved	conserved
RHBDL3	0.31091276	0.10229301	conserved	conserved
RHCG	0.09745083	0.54466608	conserved	conserved
RHEBL1	0.02019557	0.07255989	conserved	conserved
RHNO1	0.13382229	0.32618582	conserved	conserved
RHOBTB2	0.22150869	0.27257264	conserved	conserved
RHOBTB3	2.62647365	0.15481632	monkey-NSC	conserved
RHOD	0.01304388	0.02433963	conserved	conserved
RHOF	0.01364942	0.04291911	conserved	conserved
RHOG	0.03325019	0.13315482	conserved	conserved
RHOJ	0.40786983	0.12214452	conserved	conserved
RHOQ	1.27327343	0.43762415	conserved	conserved
RHOT1	1.39630059	0.45627242	conserved	conserved
RHOU	0.24209038	0.06307011	conserved	conserved
RHOV	0.00820648	0.0087233	conserved	conserved
RHPN1	0.50045792	0.12615098	conserved	conserved
RHPN2	1.91744733	0.01917716	monkey-NSC	conserved
RIBC1	0.0172556	0.00416318	conserved	conserved
RIBC2	0.01486304	0.00673264	conserved	conserved
RIC1	1.15615164	0.10901331	conserved	conserved
RIC3	0.59996967	0.16139173	conserved	conserved
RIC8B	1.06727034	0.10083042	conserved	conserved
RICTOR	1.66986109	0.17565687	conserved	conserved

RIF1	0.79712555	0.52789634	conserved	conserved
RIIAD1	0.0200218	1.36205325	conserved	conserved
RILPL1	1.58085571	0.20340585	monkey-NSC	conserved
RILPL2	0.4629454	0.53660118	conserved	conserved
RIMBP2	0.70281737	0.00861493	conserved	conserved
RIMKLA	0.16384462	0.02349071	conserved	conserved
RIMS1	2.19610738	0.03489191	monkey-NSC	conserved
RIMS2	3.78395104	0.04065943	monkey-NSC	conserved
RIMS3	0.05175401	0.05081268	conserved	conserved
RIMS4	0.07310201	0.01104515	conserved	conserved
RIN2	4.04599277	0.23174981	monkey-NSC	conserved
RIN3	0.10204414	0.00121328	conserved	conserved
RING1	0.15014874	0.49680294	conserved	conserved
RINT1	0.49066437	0.23445203	conserved	conserved
RIOK1	0.19353588	0.21211528	conserved	conserved
RIOK3	0.38280859	0.21083701	conserved	conserved
RIPK1	0.40512636	0.08453865	conserved	conserved
RIPK2	0.48443461	0.06636518	conserved	conserved
RIPK4	0	0	conserved	conserved
RIPPLY1	0.00165771	0	conserved	conserved
RIT1	0.10760815	0.52989331	conserved	conserved
RIT2	0.49309787	0.04809464	conserved	conserved
RITA1	0.11905525	0.30935911	conserved	conserved
RLBP1	0.13895043	1.66099873	mouse-RGL	conserved
RLF	1.45211682	0.1433552	conserved	conserved
RLIM	0.14846893	0.52102979	conserved	conserved
RMDN1	0.26852916	0.1378207	conserved	conserved
RMDN3	0.43278604	0.26734277	conserved	conserved
RMI1	0.07113162	0.16297367	conserved	conserved
RMND1	0.88277911	0.1943717	conserved	conserved
RMND5A	0.76001702	0.25810938	conserved	conserved
RMND5B	0.47854334	0.30891826	conserved	conserved
RNASE4	0.0143297	0.01285591	conserved	conserved
RNASE6	0	0	conserved	conserved
RNASEH2A	0.07205622	0.34041839	conserved	conserved
RNASEL	0.02467706	0.08925976	conserved	conserved
RND1	0.04364066	0.01768796	conserved	conserved
RND2	0.00050472	0.21984001	conserved	conserved
RND3	0.13176741	0.27258777	conserved	conserved
RNF10	0.5883209	1.3743586	conserved	conserved
RNF103	0.46726573	0.34596035	conserved	conserved

RNF111	1.02891097	0.24280499	conserved	conserved
RNF112	0.36828226	0.02413531	conserved	conserved
RNF114	0.33734187	0.39182173	conserved	conserved
RNF115	1.65712041	0.87838135	conserved	conserved
RNF121	0.78805045	0.67536188	conserved	conserved
RNF122	0.07806253	0.29710219	conserved	conserved
RNF123	0.24870831	0.11048987	conserved	conserved
RNF126	0.24723611	0.34676223	conserved	conserved
RNF128	0.03982705	0.00673279	conserved	conserved
RNF130	5.49783947	0.24646403	conserved	conserved
RNF14	0.16887654	0.62874004	conserved	conserved
RNF141	0.10846419	0.27637983	conserved	conserved
RNF144A	1.51328429	0.55191894	conserved	conserved
RNF144B	0.80140757	0.0034067	conserved	conserved
RNF145	0.44568004	0.27733346	conserved	conserved
RNF146	0.33200181	0.75427066	conserved	conserved
RNF150	1.26207591	0.02256173	conserved	conserved
RNF151	0.00233756	0	conserved	conserved
RNF152	0.01507789	0.05430227	conserved	conserved
RNF157	1.77664616	0.11305565	conserved	conserved
RNF165	0.11316305	0.35143402	conserved	conserved
RNF167	0.16061138	0.69694646	conserved	conserved
RNF168	0.50520535	0.15369797	conserved	conserved
RNF17	0.02073285	0	conserved	conserved
RNF180	0.87422017	0.0550332	conserved	conserved
RNF182	0.24964788	1.13124275	conserved	conserved
RNF2	0.47870104	0.58017096	conserved	conserved
RNF20	0.34782837	0.53517297	conserved	conserved
RNF207	0.11920752	0	conserved	conserved
RNF212	0.05138001	0	conserved	conserved
RNF213	1.22656063	0.10754429	monkey-NSC	conserved
RNF214	0.64966519	0.16295748	conserved	conserved
RNF215	0.09685235	0.37091499	conserved	conserved
RNF216	3.03338414	0.27769989	conserved	conserved
RNF217	0.98196552	0.11353885	conserved	conserved
RNF220	1.23637954	0.32169672	conserved	conserved
RNF24	1.89714757	0.25792584	conserved	conserved
RNF25	0.06286588	0.15756959	conserved	conserved
RNF32	0.09616419	0.08416258	conserved	conserved
RNF34	0.39045283	0.67249318	conserved	conserved
RNF38	1.65057529	0.19517628	conserved	conserved

RNF39	0.00825791	0	conserved	conserved
RNF4	0.60963723	0.68149414	conserved	conserved
RNF40	0.55715135	0.18439248	conserved	conserved
RNF44	0.23923079	0.34575537	conserved	conserved
RNF5	0.08497558	0.99568773	conserved	conserved
RNF6	0.05032193	0.34274861	conserved	conserved
RNFT2	0.58996884	0.09649794	conserved	conserved
RNGTT	1.42023734	0.20411117	conserved	conserved
RNLS	0.8631106	0.09884883	conserved	conserved
RNMT	1.41697028	0.41937855	conserved	conserved
RNPEP	0.24225493	0.38591933	conserved	conserved
RNPEPL1	0.09392004	0.37486165	conserved	conserved
ROBO1	5.75671089	0.0944932	monkey-NSC	conserved
ROBO2	8.37442803	0.31314153	monkey-NSC	conserved
ROCK1	1.61340124	0.61213458	conserved	conserved
ROCK2	1.66181558	0.24139416	monkey-NSC	conserved
ROGDI	0.45120039	0.35716026	conserved	conserved
ROMO1	0.03228689	3.46623603	mouse-RGL	conserved
ROR1	2.98796351	0.006937	monkey-NSC	conserved
ROR2	0.05606882	0.01741767	conserved	conserved
RORA	7.20970174	0.3604634	monkey-NSC	conserved
RORB	4.51072262	0.46186193	monkey-NSC	conserved
RORC	0.00668825	0.12306688	conserved	conserved
ROS1	0.72860022	0	conserved	conserved
RP1	1.11280437	0	conserved	conserved
RP2	0.05529415	0.23399743	conserved	conserved
RPA2	0.10504571	0.50203996	conserved	conserved
RPAP1	0.35467052	0.12668597	conserved	conserved
RPAP2	1.80032807	0.14139852	conserved	conserved
RPAP3	0.13677582	0.32153456	conserved	conserved
RPE65	0.62438766	0	conserved	conserved
RPGRIP1L	0.50682807	0.10922118	conserved	conserved
RPH3A	0.25363886	0.05506777	conserved	conserved
RPIA	0.21107418	0.20797269	conserved	conserved
RPL10A	0.09456451	17.1105951	mouse-RGL	conserved
RPL15	0.42058647	7.7296947	mouse-RGL	conserved
RPL19	0.0296008	19.5036882	mouse-RGL	conserved
RPL22L1	0.0442481	15.0632341	mouse-RGL	conserved
RPL3L	0.00674937	0	conserved	conserved
RPN1	0.35220502	0.55511813	conserved	conserved
RPN2	0.38093316	0.75785781	conserved	conserved

RPP30	0.26501835	0.41666306	conserved	conserved
RPP40	0.02952791	0.09223428	conserved	conserved
RPRD1A	1.1097149	0.3826283	conserved	conserved
RPRD1B	0.36648005	0.18402712	conserved	conserved
RPRD2	3.67934453	0.43651103	conserved	conserved
RPRM	0	0.78831611	mouse-RGL	conserved
RPS19BP1	0.09241579	1.07753502	mouse-RGL	conserved
RPS21	0.00878141	11.0181486	conserved	conserved
RPS23	0.18391933	27.0852392	mouse-RGL	conserved
RPS27L	0.03970167	4.97515816	mouse-RGL	conserved
RPS4X	0.03602785	25.2103874	mouse-RGL	conserved
RPS6KA1	0.06152862	0.01160391	conserved	conserved
RPS6KA2	0.63254526	0.04805552	conserved	conserved
RPS6KA3	0.72341269	0.12540057	conserved	conserved
RPS6KA5	1.78233365	0.08896393	conserved	conserved
RPS6KA6	0.34605992	0.07337453	conserved	conserved
RPS6KB1	0.95741419	0.83980157	conserved	conserved
RPS6KB2	0.17127507	0.30200089	conserved	conserved
RPS6KC1	3.06605149	0.07497779	conserved	conserved
RPS6KL1	0.204075	0.01626922	conserved	conserved
RPS9	0.35296132	26.8702012	mouse-RGL	conserved
RPTN	0	0	conserved	conserved
RPTOR	2.49269722	0.17167644	monkey-NSC	conserved
RPUSD2	0.02735492	0.02145902	conserved	conserved
RPUSD3	0.05826978	0.08118769	conserved	conserved
RPUSD4	0.30948868	0.05870957	conserved	conserved
RRAGA	0.00737944	1.36709582	mouse-RGL	conserved
RRAGB	0.43716594	0.05473957	conserved	conserved
RRAGC	0.21535971	0.24196574	conserved	conserved
RRAGD	0.15636156	0.58754493	conserved	conserved
RRAS	0.10173821	0.07969073	conserved	conserved
RRAS2	0.70234382	0.15137321	conserved	conserved
RRBP1	0.45902611	0.65178585	conserved	conserved
RREB1	0.89516871	0.09148244	conserved	conserved
RRH	0.05731122	0.00339769	conserved	conserved
RRM1	0.21724852	0.17769024	conserved	conserved
RRM2B	0.23081752	0.20585316	conserved	conserved
RRN3	0.3332035	0.24486293	conserved	conserved
RRNAD1	0.40951918	0.28274557	conserved	conserved
RRP1	0.24295648	1.06795202	conserved	conserved
RRP12	0.14807804	0.04245515	conserved	conserved

RRP15	0.24201688	0.33686923	conserved	conserved
RRP1B	0.31648897	0.15814463	conserved	conserved
RRP7A	0.04935803	0.49446204	conserved	conserved
RRP8	0.05710221	0.24797534	conserved	conserved
RRP9	0.06823284	0.35088517	conserved	conserved
RRS1	0.00154632	0.55665822	conserved	conserved
RS1	0.00344022	0	conserved	conserved
RSAD1	0.11858792	0.12809347	conserved	conserved
RSAD2	0.04056687	0	conserved	conserved
RSBN1	0.48772398	0.38694065	conserved	conserved
RSBN1L	0.85975549	0.75556019	conserved	conserved
RSF1	2.84299217	0.6771846	conserved	conserved
RSL1D1	0.11648818	1.00634601	mouse-RGL	conserved
RSPH1	0.04241825	0.14425753	conserved	conserved
RSPH4A	0.01567321	0.00655032	conserved	conserved
RSPH6A	0.03107551	0	conserved	conserved
RSPH9	0.18222999	0.42760785	conserved	conserved
RSPO1	0	0.12946797	conserved	conserved
RSPO2	0.08789173	0.12977753	conserved	conserved
RSPO3	0.09129811	0.33220084	conserved	conserved
RSPO4	0.00916671	0	conserved	conserved
RSPRY1	0.36588381	0.42802566	conserved	conserved
RSRC1	1.22126907	0.45474464	conserved	conserved
RSRC2	0.38869522	2.1006837	conserved	conserved
RSRP1	2.42039399	4.18438082	conserved	conserved
RSU1	0.52052314	0.79345742	conserved	conserved
RTCA	0.31771134	0.50063232	conserved	conserved
RTCB	0.16925651	0.82141887	conserved	conserved
RTF1	1.13927222	1.33456641	conserved	conserved
RTKN	0.14256234	0.08287331	conserved	conserved
RTKN2	0.08556688	0	conserved	conserved
RTN2	0.0786594	0.27495376	conserved	conserved
RTN3	3.19651996	3.04348181	conserved	conserved
RTN4	4.67355964	1.38420572	conserved	conserved
RTN4IP1	0.29683452	0.04505402	conserved	conserved
RTN4R	0.13721218	0.060049	conserved	conserved
RTN4RL1	0.41872275	0.02659643	conserved	conserved
RTN4RL2	0.05758905	0	conserved	conserved
RTP1	0.02577611	0	conserved	conserved
RTP3	0.00335037	0	conserved	conserved
RTP4	0.00259528	0.02878026	conserved	conserved

Gene	Value 1	Value 2	Category 1	Category 2
RTTN	1.02313833	0.00332819	conserved	conserved
RUBCN	1.18464244	0.16080597	conserved	conserved
RUFY1	1.43240881	0.1915938	conserved	conserved
RUFY2	0.85327405	0.25420669	conserved	conserved
RUFY3	3.50833251	0.78737562	conserved	conserved
RUFY4	0.00495319	0	conserved	conserved
RUNDC1	0.16995572	0.16429931	conserved	conserved
RUNDC3A	0.34312506	0.5582805	conserved	conserved
RUNDC3B	0.48085178	0.02543266	conserved	conserved
RUNX1T1	3.00276116	0.04551608	conserved	conserved
RUNX2	0.46200455	0.00582769	conserved	conserved
RUNX3	0	0	conserved	conserved
RUSC1	0.15582479	0.07342102	conserved	conserved
RUVBL1	0.23806709	0.41916221	conserved	conserved
RWDD1	0.18987188	1.93209349	mouse-RGL	conserved
RWDD2A	0.03043726	0.02176783	conserved	conserved
RWDD2B	0.16047798	0.05759813	conserved	conserved
RXFP1	0.23382524	0	conserved	conserved
RXFP2	0.00978123	0.00846737	conserved	conserved
RXRA	0.37918241	0.08035895	conserved	conserved
RXRB	0.14518727	0.29892092	conserved	conserved
RXRG	0.05500066	0.04291242	conserved	conserved
RYBP	0.5469611	0.09969321	conserved	conserved
RYK	0.81510861	0.61434833	conserved	conserved
RYR2	7.40896304	0.03212264	monkey-NSC	conserved
RYR3	2.5156986	0.00783262	monkey-NSC	monkey-NSC1-enriched
S100A1	0.12086383	2.40614257	conserved	conserved
S100A10	0.01565192	0.70244011	conserved	conserved
S100A16	0.13470171	4.40348119	conserved	conserved
S100A2	0.00338208	0	conserved	conserved
S100A4	0.00174232	0.1708485	conserved	conserved
S100A5	0	0	conserved	conserved
S100A8	0.00100895	0	conserved	conserved
S100A9	0.00138315	0	conserved	conserved
S100G	0.00571666	0	conserved	conserved
S100PBP	0.64199263	0.12126959	conserved	conserved
S1PR1	0.18671794	2.24455234	monkey-NSC	conserved
S1PR2	0	0.01897966	conserved	conserved
S1PR3	0.00312758	0.28729092	conserved	conserved
SDR42E2	0.01161342	0	conserved	conserved
SAAL1	0.24707175	0.12832664	conserved	conserved

SAC3D1	0.02746282	0.48798633	conserved	conserved
SACM1L	0.4929818	0.2711152	conserved	conserved
SACS	1.16109868	0.20286039	conserved	conserved
SAE1	0.49807827	0.72438905	conserved	conserved
SAFB2	1.1101623	0.59437404	conserved	conserved
SAG	0.0109659	0.1052115	conserved	conserved
SALL1	0.22022485	0.44501873	conserved	conserved
SALL2	0.67420034	0.71428007	conserved	conserved
SALL4	0.00739161	0	conserved	conserved
SAMD11	0.10347808	0.00571012	conserved	conserved
SAMD13	0.06246182	0.01012084	conserved	conserved
SAMD14	0.11736619	0.6246173	conserved	conserved
SAMD15	0.10129714	0.02517105	conserved	conserved
SAMD3	0.02541697	0	conserved	conserved
SAMD4B	0.5263798	0.44242746	conserved	conserved
SAMD8	0.55001108	0.83637341	conserved	conserved
SAMHD1	0.13477617	0.19171742	conserved	conserved
SAMM50	0.38079681	0.66558238	conserved	conserved
SAMSN1	0.13720644	0.00402048	conserved	conserved
SAP130	0.81351487	0.08357423	conserved	conserved
SAP25	0.15420533	0.00909658	conserved	conserved
SAP30	0.09767666	1.13818064	mouse-RGL	conserved
SAP30BP	1.08280352	0.35493555	conserved	conserved
SAPCD1	0.00753562	0.0170203	conserved	conserved
SARAF	0.17102332	1.37954868	conserved	conserved
SARDH	0.06507135	0.21526922	conserved	conserved
SART1	0.16830678	0.21251295	conserved	conserved
SART3	0.45339092	0.1382721	conserved	conserved
SASH1	12.9807593	0.85889559	conserved	conserved
SASH3	0.00419843	0	conserved	conserved
SASS6	0.20151882	0.06871261	conserved	conserved
SAT2	0.49465723	0.47225625	conserved	conserved
SATB1	0.56237846	0.39481104	conserved	conserved
SATB2	0.33020993	0	conserved	conserved
SATL1	0.01835413	0	conserved	conserved
SAV1	0.25373827	0.11033098	conserved	conserved
SAXO1	0.0882859	0	conserved	conserved
SAYSD1	0.03928618	0.36362716	conserved	conserved
SBF2	5.3726388	0.54368294	conserved	conserved
SBNO1	0.93704621	0.80672656	conserved	conserved
SBSN	0.00933681	0.29868105	conserved	conserved

SBSPON	0.01626801	0.01625775	conserved	conserved
SC5D	0.19207821	0.44620675	conserved	conserved
SCAF11	1.50803868	0.81534606	conserved	conserved
SCAF4	0.62608845	0.13302296	conserved	conserved
SCAF8	2.81756374	0.19107051	monkey-NSC	conserved
SCAI	1.55334451	0.30744523	conserved	conserved
SCAMP1	0.92245817	0.61254272	conserved	conserved
SCAMP4	0.31321757	0	conserved	conserved
SCAP	0.56874241	0.30097589	conserved	conserved
SCAPER	5.25079022	0.24541325	conserved	conserved
SCARA3	1.01710567	0.33108237	monkey-NSC	conserved
SCARA5	0.02070936	0	conserved	conserved
SCARB1	1.30610207	0.25440612	conserved	conserved
SCARB2	0.89593438	1.22638406	conserved	conserved
SCARF1	0.03371836	0	conserved	conserved
SCARF2	0.5946891	0.03600736	conserved	conserved
SCCPDH	0.51987342	0.57839925	conserved	conserved
SCEL	0.0089496	0	conserved	conserved
SCFD1	1.40040716	0.37404401	conserved	conserved
SCFD2	2.26907994	0.0487577	monkey-NSC	conserved
SCG3	1.27064208	3.23280213	conserved	conserved
SCGB1A1	0	0	conserved	conserved
SCGB3A1	0.00143159	0	conserved	conserved
SCGB3A2	0	0	conserved	conserved
SCGN	0.00345583	0	conserved	conserved
SCIMP	0.05546303	0	conserved	conserved
SCIN	0.01361379	0	conserved	conserved
SCLT1	1.81720182	0.16762422	monkey-NSC	conserved
SCLY	0.68064375	0.13310024	conserved	conserved
SCMH1	3.02578254	0.32280182	conserved	conserved
SCML2	0.13983123	0.01348995	conserved	conserved
SCML4	0.06846761	0.0045456	conserved	conserved
SCN10A	0.01332543	0	conserved	conserved
SCN11A	0.01779018	0.00376824	conserved	conserved
SCN1A	2.27942897	0.00353214	monkey-NSC	conserved
SCN1B	0.12209583	0.09480395	conserved	conserved
SCN2B	0.11765635	0.04699586	conserved	conserved
SCN3A	0.79042432	0.05666476	conserved	conserved
SCN3B	0.72961169	0.11131046	conserved	conserved
SCN4A	0.00212196	0	conserved	conserved
SCN5A	0.00353698	0.00303076	conserved	conserved

SCN8A	1.43577214	0.11599662	conserved	conserved
SCN9A	0.12922203	0.00479281	conserved	conserved
SCNN1A	0.05544432	0	conserved	conserved
SCNN1B	0.04230752	0	conserved	conserved
SCNN1G	0.00287875	0	conserved	conserved
SCP2	1.38291415	4.30934824	conserved	conserved
SCRG1	0.01563223	1.93594318	conserved	conserved
SCRN1	1.29562261	0.99592503	conserved	conserved
SCRN3	0.17815892	0.05043845	conserved	conserved
SCRT1	0.00234065	0.02143959	conserved	conserved
SCTR	0.05440309	0.0831422	conserved	conserved
SCUBE1	0.07635386	0.00182916	conserved	conserved
SCUBE3	0.0814028	0.00715429	conserved	conserved
SCYL3	0.5744268	0.0770533	conserved	conserved
SDAD1	0.25486779	0.23602789	conserved	conserved
SDC2	3.21782389	0.91469532	conserved	conserved
SDC3	0.52195072	0.38305477	conserved	conserved
SDC4	1.6396426	1.4295771	monkey-NSC	conserved
SDCBP2	0.02015996	0	conserved	conserved
SDCCAG8	4.2353505	0.11050929	monkey-NSC	conserved
SDE2	0.14182146	0.43799348	conserved	conserved
SDF2	0.12507941	1.03458691	conserved	conserved
SDF2L1	0.01503648	0.3745354	conserved	conserved
SDF4	0.3417198	1.13803535	conserved	conserved
SDHAF1	0	0.7795968	conserved	conserved
SDHAF4	0.21561455	1.29121732	conserved	conserved
SDK1	0.58111644	0.02931292	conserved	conserved
SDK2	0.38280479	0.04552435	conserved	conserved
SDR16C5	0.00485196	0	conserved	conserved
SDR39U1	0.0820557	0.133053	conserved	conserved
SDR42E1	0.02683187	0.01386587	conserved	conserved
SDS	1.18587928	0	conserved	conserved
SDSL	0.20639383	0.09216856	conserved	conserved
SEC11C	0.29799845	0.44743877	conserved	conserved
SEC13	0.23664509	0.67781232	conserved	conserved
SEC14L1	1.50644194	0.37131576	conserved	conserved
SEC14L3	0.00238379	0	conserved	conserved
SEC14L4	0.0010369	0	conserved	conserved
SEC14L5	0.72368577	0	conserved	conserved
SEC16A	0.38804313	0.21102418	conserved	conserved
SEC16B	0.00685429	0.00962198	conserved	conserved

SEC22A	0.88245746	0.21318709	conserved	conserved
SEC22B	0.14808498	0.77359236	conserved	conserved
SEC22C	0.17887588	0.08548628	conserved	conserved
SEC23A	0.7468072	0.49853857	conserved	conserved
SEC23B	0.24232138	0.27372984	conserved	conserved
SEC23IP	0.59869917	0.15677224	conserved	conserved
SEC24B	1.54656634	0.19625061	conserved	conserved
SEC24D	0.1755765	0.11963949	conserved	conserved
SEC31A	1.31671663	0.26137798	conserved	conserved
SEC31B	0.43067941	0.00444757	conserved	conserved
SEC61A1	0.1281692	0.70268486	conserved	conserved
SEC62	0.76833163	2.92549959	conserved	conserved
SEC63	1.48430832	0.53664015	conserved	conserved
SECISBP2L	1.56498386	0.54855457	monkey-NSC	conserved
SEL1L	0.62282847	0.5684617	conserved	conserved
SEL1L2	0.03670168	0	conserved	conserved
SEL1L3	2.28782445	0.18433101	monkey-NSC	conserved
SELE	0	0	conserved	conserved
SELL	0.00287661	0	conserved	conserved
SELP	0	0	conserved	conserved
SELPLG	0.01987143	0.01007149	conserved	conserved
SEMA3A	0.2835792	0.03442379	conserved	conserved
SEMA3B	1.15579814	0.04988634	conserved	conserved
SEMA3C	0.15246258	0.22812263	conserved	conserved
SEMA3D	0.03347965	0.00495112	conserved	conserved
SEMA3E	0.41702581	0.04518721	conserved	conserved
SEMA3F	0.05648751	0	conserved	conserved
SEMA3G	0.00054377	0	conserved	conserved
SEMA4A	0.89108061	0.06272004	conserved	conserved
SEMA4B	1.4310742	0.34701462	monkey-NSC	conserved
SEMA4C	0.00271555	0.07220338	conserved	conserved
SEMA4F	0.10378609	0.02666972	conserved	conserved
SEMA4G	0.12041883	0.11629121	conserved	conserved
SEMA5A	1.56912992	0.09172328	conserved	conserved
SEMA5B	0.25046179	0.3149899	conserved	conserved
SEMA6A	0.71743201	0.7841713	conserved	conserved
SEMA6B	0.0327023	0.09389786	conserved	conserved
SEMA6D	0.85949458	0.7287693	conserved	conserved
SEMA7A	0.05013711	0.01032475	conserved	conserved
SENP5	2.26312269	0.12047034	monkey-NSC	conserved
SENP7	2.0253102	0.38760786	conserved	conserved

SENP8	0.08109892	0.11357451	conserved	conserved
SEPSECS	0.30347208	0.06628044	conserved	conserved
SERAC1	0.43233384	0	conserved	conserved
SERBP1	0.43341629	3.85717852	mouse-RGL	conserved
SERGEF	1.51757852	0.10619019	conserved	conserved
SERINC1	0.75118794	1.20525554	conserved	conserved
SERINC2	0.01782175	0.10287202	conserved	conserved
SERINC3	0.64957899	0.22229614	conserved	conserved
SERINC5	0.80625748	0.10539606	conserved	conserved
SERP1	0.10053358	1.7467933	mouse-RGL	conserved
SERPINA10	0.00119805	0	conserved	conserved
SERPINA12	0	0	conserved	conserved
SERPINA5	0	0	conserved	conserved
SERPINA6	0	0	conserved	conserved
SERPINA9	0	0.00337361	conserved	conserved
SERPINB10	0	0	conserved	conserved
SERPINB11	0	0	conserved	conserved
SERPINB12	0.00719247	0	conserved	conserved
SERPINB13	0.03945289	0	conserved	conserved
SERPINB2	0.00277468	0	conserved	conserved
SERPINB5	0.0035772	0	conserved	conserved
SERPINB7	0.0155899	0	conserved	conserved
SERPINB8	0.00909422	0	conserved	conserved
SERPINC1	0.01203044	0.01660829	conserved	conserved
SERPIND1	0.07398991	0	conserved	conserved
SERPINE1	0	0	conserved	conserved
SERPINE2	1.43090813	1.22072589	monkey-NSC	conserved
SERPINE3	0.06371596	0	conserved	conserved
SERPINF1	0.02695461	0.07842678	conserved	conserved
SERPINF2	0.01376267	0.00351572	conserved	conserved
SERPING1	0.1169506	0.07145171	conserved	conserved
SERPINH1	0.0616248	1.12554102	mouse-RGL	conserved
SERPINI1	0.62090434	0.07278342	conserved	conserved
SERTAD1	0.02527986	0.11528908	conserved	conserved
SERTAD2	0.42034906	0.82413734	conserved	conserved
SERTAD3	0.01502897	0.19227291	conserved	conserved
SERTAD4	0.02920432	0.05662126	conserved	conserved
SERTM1	0.10125691	0.04369595	conserved	conserved
SESN1	1.75450227	0.27058053	conserved	conserved
SESN2	0.12827812	0.06173493	conserved	conserved
SESN3	0.8611472	1.22880031	conserved	conserved

SESTD1	0.81515441	0.11382432	conserved	conserved
SETD2	2.726725	0.38914385	conserved	conserved
SETD3	1.18367158	0.42017604	conserved	conserved
SETD4	0.18998867	0.06610011	conserved	conserved
SETD6	0.06515522	0.1835578	conserved	conserved
SETD7	0.94525113	0.24215322	conserved	conserved
SETDB1	0.69292616	0.18610354	conserved	conserved
SETDB2	0.31714198	0.01118171	conserved	conserved
SETX	1.45602739	0.18122356	conserved	conserved
SEZ6	0.11232521	0.06302052	conserved	conserved
SEZ6L	0.41761616	0.23549778	conserved	conserved
SEZ6L2	0.24691311	0.03473257	conserved	conserved
SF1	1.27739393	0.89936159	conserved	conserved
SF3A1	0.31832861	0.35362596	conserved	conserved
SF3A2	0.28066642	0.31272656	conserved	conserved
SF3A3	0.34331056	0.22147177	conserved	conserved
SF3B2	0.23153236	2.01162461	conserved	conserved
SF3B3	0.68333106	0.2564594	conserved	conserved
SF3B4	0.05226032	0.70140009	conserved	conserved
SF3B6	0.13992163	3.18612808	mouse-RGL	conserved
SFI1	0.53251297	0.11571835	conserved	conserved
SFMBT1	0.34624578	0.11544593	conserved	conserved
SFMBT2	2.35511842	0.06005142	monkey-NSC	monkey-NSC1-enriched
SFN	0	0.00298363	conserved	conserved
SFR1	0.03383918	1.8535489	mouse-RGL	conserved
SFRP1	0.03144424	1.61245942	mouse-RGL	conserved
SFRP2	0	0.05197054	conserved	conserved
SFRP4	0.00495944	0.0603204	conserved	conserved
SFSWAP	1.57314272	0.48422516	conserved	conserved
SFTPB	0	0	conserved	conserved
SFTPC	0.00390311	0.00379047	conserved	conserved
SFXN1	3.29681968	2.53729041	conserved	conserved
SFXN4	0.73670288	0.12824073	conserved	conserved
SFXN5	9.89406215	4.01310248	monkey-NSC	conserved
SGCA	0	0.00288907	conserved	conserved
SGCD	0.95609815	0.03334901	conserved	conserved
SGCE	1.85101595	0.39306482	conserved	conserved
SGCG	0.46102216	0	conserved	conserved
SGCZ	4.22422156	0.01051992	monkey-NSC	conserved
SGF29	0.30571951	0.32182489	conserved	conserved
SGIP1	5.36979413	0.82419068	monkey-NSC	conserved

SGK1	1.07061775	0.02591525	conserved	conserved
SGK2	0.05594532	0	conserved	conserved
SGMS1	0.6455124	0.14694126	conserved	conserved
SGMS2	0.11146287	0.02122249	conserved	conserved
SGPL1	0.25923385	0.26064333	conserved	conserved
SGPP2	0.28194301	0	conserved	conserved
SGSM1	0.47391194	0.03321749	conserved	conserved
SGSM2	0.83289029	0.16429563	conserved	conserved
SGTA	0.31834222	1.07564919	conserved	conserved
SGTB	0.28115684	0.07014305	conserved	conserved
SH2B3	0.21147702	0.0551	conserved	conserved
SH2D1A	0	0	conserved	conserved
SH2D2A	0	0	conserved	conserved
SH2D3C	0.10947445	0.04775737	conserved	conserved
SH2D5	0.03681842	0.01196028	conserved	conserved
SH2D7	0.00544913	0.00359538	conserved	conserved
SH3BGRL	0.70262802	1.61325544	conserved	conserved
SH3BGRL2	0.44153744	0.02221161	conserved	conserved
SH3BP2	0.45272812	0.02184333	conserved	conserved
SH3BP4	0.20602995	0.14422899	conserved	conserved
SH3BP5	0.22256249	0.08571484	conserved	conserved
SH3BP5L	0.14509262	0.27255868	conserved	conserved
SH3D19	1.14068755	0.18722347	conserved	conserved
SH3D21	0.02072654	0.01591259	conserved	conserved
SH3GL1	0.29027642	0.38778183	conserved	conserved
SH3GL2	1.3769453	0.14647388	conserved	conserved
SH3GL3	2.19044097	0.20392353	conserved	conserved
SH3GLB1	1.06180229	1.7046351	conserved	conserved
SH3KBP1	0.65836704	0.14338272	conserved	conserved
SH3PXD2A	0.58780274	0.01297311	conserved	conserved
SH3PXD2B	1.22943117	0.41104129	monkey-NSC	conserved
SH3RF1	4.5483524	0.3195085	conserved	conserved
SH3RF2	0.02476041	0	conserved	conserved
SH3RF3	2.5884229	0.05064259	conserved	conserved
SH3TC2	0.05749437	0	conserved	conserved
SH3YL1	0.10598044	0.06887407	conserved	conserved
SHANK2	1.39093832	0.05538476	conserved	conserved
SHARPIN	0.19882958	0.25513708	conserved	conserved
SHBG	0.03827872	0	conserved	conserved
SHC1	0.10881627	0.14405684	conserved	conserved
SHC4	0.04309595	0.02276206	conserved	conserved

SHCBP1	0.01433857	0.02105166	conserved	conserved
SHD	0.00717475	0.30925017	conserved	conserved
SHE	0.00966942	0	conserved	conserved
SHF	0.17434305	0.02821767	conserved	conserved
SHH	0.00120223	0	conserved	conserved
SHISA4	0.00799075	2.26980859	conserved	conserved
SHISA8	0.00293493	0.0526461	conserved	conserved
SHKBP1	0.0220019	0.14782707	conserved	conserved
SHMT1	0.14586815	0.11186172	conserved	conserved
SHMT2	0.04143726	0.27535911	conserved	conserved
SHOX2	0	0	conserved	conserved
SHPRH	1.74416697	0.27262633	conserved	conserved
SHQ1	0.26567767	0.02342362	conserved	conserved
SHROOM3	3.03490026	0.43016631	conserved	conserved
SHROOM4	0.31253757	0.04391362	conserved	conserved
SHTN1	1.21902146	0.0643734	conserved	conserved
SIAE	0.12015707	0.06097232	conserved	conserved
SIAH2	0.16902309	0.17088254	conserved	conserved
SIAH3	0.0447263	0.03064001	conserved	conserved
SIDT1	0.48518988	0.01006328	conserved	conserved
SIDT2	0.12189647	0.28421887	conserved	conserved
SIGLEC1	0.01441867	0	conserved	conserved
SIGLEC15	0.00185245	0	conserved	conserved
SIGMAR1	0.06332408	0.25902815	conserved	conserved
SIK2	2.37236387	0.07998218	conserved	conserved
SIK3	9.71852571	0.30130943	monkey-NSC	conserved
SIKE1	0.13016706	0.54794993	conserved	conserved
SIL1	2.09145628	0.21675568	conserved	conserved
SIM1	0	0	conserved	conserved
SIMC1	0.70557645	0.08693556	conserved	conserved
SIN3A	0.70609705	0.2663375	conserved	conserved
SIN3B	0.7063888	1.17345782	conserved	conserved
SIPA1L1	3.94330832	0.46986816	conserved	conserved
SIPA1L2	0.63813251	0.03590573	conserved	conserved
SIPA1L3	1.24471988	0.10172185	conserved	conserved
SIRT1	0.59619997	0.10786127	conserved	conserved
SIRT3	0.18859566	0.54831734	conserved	conserved
SIRT4	0.09817992	0.08518728	conserved	conserved
SIRT5	1.24629695	0.14678228	conserved	conserved
SIRT6	0.1244071	0.17186931	conserved	conserved
SIT1	0	0	conserved	conserved

SIVA1	0.05850187	1.28745919	mouse-RGL	conserved
SIX2	0	0	conserved	conserved
SIX3	0.00300781	0.02210765	conserved	conserved
SKA1	0.00997619	0.00069856	conserved	conserved
SKA2	1.0372865	0.15570504	conserved	conserved
SKA3	0.02194474	0.01719222	conserved	conserved
SKAP2	0.27674006	0.03906668	conserved	conserved
SKI	0.76224182	0.84167751	conserved	conserved
SKIDA1	0.03604283	0.12303681	conserved	conserved
SKIL	0.25227306	0.27502523	conserved	conserved
SKIV2L	0.07878109	0.20027527	conserved	conserved
SKOR1	0	0	conserved	conserved
SKP2	0.19245091	0.39200759	conserved	conserved
SLA	0.12985685	0.00354285	conserved	conserved
SLAIN1	1.0116217	0.17656806	conserved	conserved
SLAMF1	0.00069265	0.02108625	conserved	conserved
SLAMF6	0	0	conserved	conserved
SLAMF7	0	0	conserved	conserved
SLAMF8	0.00169079	0	conserved	conserved
SLAMF9	0.00876062	0	conserved	conserved
SLBP	0.11015641	0.97015217	conserved	conserved
SLC10A1	0.02623572	0	conserved	conserved
SLC10A2	0.00168286	0	conserved	conserved
SLC10A4	0.04309201	0.00379719	conserved	conserved
SLC10A6	0.00615404	0	conserved	conserved
SLC10A7	2.04492274	0.04160337	monkey-NSC	conserved
SLC11A1	0.04461802	0	conserved	conserved
SLC11A2	0.53688452	0.17131126	conserved	conserved
SLC12A1	0.0173293	0	conserved	conserved
SLC12A2	0.38102073	0.54751624	conserved	conserved
SLC12A3	0.13767874	0	conserved	conserved
SLC12A4	0.18697296	0.33059802	conserved	conserved
SLC12A5	0.22688242	0.05713987	conserved	conserved
SLC12A7	0.0435835	0.07069065	conserved	conserved
SLC12A8	0.20381403	0.00560192	conserved	conserved
SLC12A9	0.12728106	0.15954668	conserved	conserved
SLC13A1	0.005943	0	conserved	conserved
SLC13A3	0.98185313	0.23148252	conserved	conserved
SLC13A4	0.13954319	0.01300606	conserved	conserved
SLC13A5	0.15970977	0.31759326	conserved	conserved
SLC14A1	0.61471436	0.60369178	conserved	conserved

SLC15A1	0.01254338	0.00611306	conserved	conserved
SLC15A2	5.0987728	0.78189033	monkey-NSC	conserved
SLC15A3	0.00485677	0	conserved	conserved
SLC15A4	0.25865699	0.06074796	conserved	conserved
SLC15A5	0.01181058	0	conserved	conserved
SLC16A1	0.06190797	0.2318017	conserved	conserved
SLC16A11	0.01276422	0.00353895	conserved	conserved
SLC16A12	0.01785203	0.00669609	conserved	conserved
SLC16A14	0.12777367	0	conserved	conserved
SLC16A2	0.33482306	0.55855608	conserved	conserved
SLC16A4	0.17638528	0	conserved	conserved
SLC16A5	0.02982515	0	conserved	conserved
SLC16A7	0.26406514	0.01576535	conserved	conserved
SLC16A9	0.25298023	0.0048746	conserved	conserved
SLC17A1	0.012405	0	conserved	conserved
SLC17A2	0.00602945	0	conserved	conserved
SLC17A3	0.00231371	0	conserved	conserved
SLC17A4	0.00706052	0	conserved	conserved
SLC17A5	1.99722424	0.09864002	conserved	conserved
SLC17A6	0.0318874	0.01449267	conserved	conserved
SLC17A9	0	0.0087712	conserved	conserved
SLC18A1	0	0	conserved	conserved
SLC18A2	0.0238803	0	conserved	conserved
SLC18B1	0.30443655	0.12176458	conserved	conserved
SLC19A1	0.09503583	0.23431648	conserved	conserved
SLC19A2	0.35897405	0.0334033	conserved	conserved
SLC19A3	0	0	conserved	conserved
SLC1A1	0.50070394	0.00834787	conserved	conserved
SLC1A2	162.849046	16.7839843	monkey-NSC	conserved
SLC1A3	41.0442275	29.9839626	monkey-NSC	conserved
SLC1A4	1.56643716	1.29742795	conserved	conserved
SLC1A5	0.00933831	0.0397019	conserved	conserved
SLC1A6	0.11594633	0.00642054	conserved	conserved
SLC1A7	0	0	conserved	conserved
SLC20A1	0.38303094	0.23670225	conserved	conserved
SLC20A2	1.93964201	0.58095671	monkey-NSC	conserved
SLC22A1	0.00095763	0	conserved	conserved
SLC22A12	0.00122209	0.01901507	conserved	conserved
SLC22A14	0.00470235	0	conserved	conserved
SLC22A15	0.97280385	0.10850755	monkey-NSC	conserved
SLC22A16	0.01839075	0	conserved	conserved

SLC22A17	1.31387934	1.26964606	conserved	conserved
SLC22A18	0.03567265	0	conserved	conserved
SLC22A2	0.0159206	0	conserved	conserved
SLC22A23	4.96924779	0.23596928	conserved	conserved
SLC22A3	0.23383736	0	conserved	conserved
SLC22A6	0.09593446	0.00657556	conserved	conserved
SLC22A7	0.02391633	0	conserved	conserved
SLC22A8	0.02398456	0.00329745	conserved	conserved
SLC23A1	0.0450523	0	conserved	conserved
SLC23A2	0.55592226	0.30409085	conserved	conserved
SLC23A3	0.00084532	0	conserved	conserved
SLC24A1	0.01982982	0.00571012	conserved	conserved
SLC24A2	2.16045381	0.04510611	monkey-NSC	conserved
SLC24A3	14.6127206	0.16906007	conserved	conserved
SLC24A4	0.40642952	0	conserved	conserved
SLC24A5	0.22867655	1.30997121	conserved	conserved
SLC25A1	0.19977258	0.40970677	conserved	conserved
SLC25A11	0.05044599	0.86106611	mouse-RGL	conserved
SLC25A12	1.88054751	0.13052001	conserved	conserved
SLC25A13	1.88858573	0.04491889	conserved	conserved
SLC25A14	0.19440397	0.25401289	conserved	conserved
SLC25A17	0.56840247	0.4181543	conserved	conserved
SLC25A18	9.19069847	2.23448381	conserved	conserved
SLC25A19	0.10332365	0.2073082	conserved	conserved
SLC25A2	0	0	conserved	conserved
SLC25A20	0.33144598	0.18408827	conserved	conserved
SLC25A21	0.32786657	0	conserved	conserved
SLC25A22	0.12531531	0.11539773	conserved	conserved
SLC25A23	0.13679332	0.80424617	conserved	conserved
SLC25A24	0.11445775	0.01985129	conserved	conserved
SLC25A26	1.0656619	0.10109972	conserved	conserved
SLC25A27	0.71262358	0.07259314	conserved	conserved
SLC25A28	0.81530165	0.15282016	conserved	conserved
SLC25A29	0.89615978	0.11788387	conserved	conserved
SLC25A30	0.16783412	0	conserved	conserved
SLC25A34	0.22094759	0.00982271	conserved	conserved
SLC25A35	0.02187281	0.01680854	conserved	conserved
SLC25A37	0.91861646	0.11426777	conserved	conserved
SLC25A38	0.1649116	0.2697617	conserved	conserved
SLC25A39	0.08377203	0.34702491	conserved	conserved
SLC25A4	0.24755278	6.0014879	mouse-RGL	conserved

SLC25A40	0.42182886	0.05356715	conserved	conserved
SLC25A45	0.01667591	0.00428878	conserved	conserved
SLC25A46	0.44737396	0.46942628	conserved	conserved
SLC26A11	0.71328474	0.03201168	conserved	conserved
SLC26A2	0.03887452	0.07418195	conserved	conserved
SLC26A4	0.0861496	0.00804701	conserved	conserved
SLC26A5	0.20135943	0	conserved	conserved
SLC26A6	0.0254077	0.10042188	conserved	conserved
SLC26A7	0.01639062	0.04633751	conserved	conserved
SLC26A8	0.05440971	0.00233148	conserved	conserved
SLC26A9	0.00078787	0.00267113	conserved	conserved
SLC27A2	0.02117325	0	conserved	conserved
SLC27A3	0.00991093	0.03961058	conserved	conserved
SLC27A4	0.39878382	0.12585292	conserved	conserved
SLC27A5	0.03210527	0.00211684	conserved	conserved
SLC27A6	0.01084283	0.00482126	conserved	conserved
SLC28A3	0.01942256	0.00298155	conserved	conserved
SLC29A2	0.14608478	0.03640751	conserved	conserved
SLC29A3	0.04626425	0.05425098	conserved	conserved
SLC29A4	0.09293172	0.14231413	conserved	conserved
SLC2A1	0.39910409	0.14600165	conserved	conserved
SLC2A10	1.04878881	0.05419397	conserved	conserved
SLC2A12	0.60104162	0.08747994	conserved	conserved
SLC2A13	1.52704757	0.11611672	conserved	conserved
SLC2A2	0.00294112	0	conserved	conserved
SLC2A4	0.00640037	0.02764699	conserved	conserved
SLC2A5	0.10274002	0.00422117	conserved	conserved
SLC2A7	0.00445207	0	conserved	conserved
SLC2A8	0.06743635	0.171641	conserved	conserved
SLC2A9	0.06715462	0.18766167	conserved	conserved
SLC30A1	0.03053423	0.26422464	conserved	conserved
SLC30A2	0.0018658	0	conserved	conserved
SLC30A3	0.10900839	0.02348946	conserved	conserved
SLC30A4	0.21036015	0.32413841	conserved	conserved
SLC30A5	0.55731284	0.22028885	conserved	conserved
SLC30A6	0.37665428	0.07025362	conserved	conserved
SLC30A7	0.75746546	0.14487041	conserved	conserved
SLC30A9	1.53812662	0.83552123	conserved	conserved
SLC31A1	0.34188667	0.51926671	conserved	conserved
SLC31A2	0.08231221	0.09123999	conserved	conserved
SLC32A1	0.01754182	0.00960259	conserved	conserved

SLC34A1	0	0	conserved	conserved
SLC34A2	0.01523597	0	conserved	conserved
SLC35A1	0.57790739	0.38576418	conserved	conserved
SLC35A2	0.07228882	0.3279236	conserved	conserved
SLC35B1	0.12739163	0.80224309	conserved	conserved
SLC35B2	0.10409298	0.42947855	conserved	conserved
SLC35B3	0.20529843	0.11620832	conserved	conserved
SLC35C1	0.02703112	0.03587096	conserved	conserved
SLC35C2	0.29992481	0.35842379	conserved	conserved
SLC35D1	0.64335003	0.27788816	conserved	conserved
SLC35E3	0.2304228	0.16939588	conserved	conserved
SLC35E4	0.25693037	0.07681728	conserved	conserved
SLC35F1	3.66987136	0.74494937	conserved	conserved
SLC35F2	0.08222117	0.00664323	conserved	conserved
SLC35F3	1.09900828	0.00594275	monkey-NSC	conserved
SLC35F4	0.28702957	0.00524837	conserved	conserved
SLC35F5	0.56344466	0.30744009	conserved	conserved
SLC35F6	0.16945708	0.1549594	conserved	conserved
SLC35G1	0.0147351	0.02744445	conserved	conserved
SLC35G2	0.07638601	0.04942315	conserved	conserved
SLC36A1	0.11027333	0.01963708	conserved	conserved
SLC36A2	0.01658631	0	conserved	conserved
SLC36A3	0.01055822	0	conserved	conserved
SLC36A4	0.52426389	0.08609141	conserved	conserved
SLC37A4	0.07067156	0.13636915	conserved	conserved
SLC38A1	0.30401706	1.84001738	mouse-RGL	conserved
SLC38A10	0.63040641	0.23769916	conserved	conserved
SLC38A11	0.06712159	0	conserved	conserved
SLC38A2	0.16001184	0.62809212	conserved	conserved
SLC38A3	0.29220402	0.38479391	conserved	conserved
SLC38A4	0.01729324	0.00275294	conserved	conserved
SLC38A5	0.01585097	0.00344412	conserved	conserved
SLC38A7	0.14801069	0.07811803	conserved	conserved
SLC38A8	0.0020792	0.00332819	conserved	conserved
SLC38A9	1.14423665	0.2168416	conserved	conserved
SLC39A10	1.47164224	0.37982493	conserved	conserved
SLC39A11	2.70633366	0.17105727	monkey-NSC	conserved
SLC39A12	1.37322172	0.34980456	monkey-NSC	conserved
SLC39A13	0.20831503	0.13945732	conserved	conserved
SLC39A14	0.17893326	0.14866624	conserved	conserved
SLC39A4	0.0157521	0	conserved	conserved

SLC39A6	0.16741232	0.5539528	conserved	conserved
SLC39A7	0.12843472	0.71831933	conserved	conserved
SLC39A8	0.03523941	0.00691916	conserved	conserved
SLC39A9	0.49489089	0.18272217	conserved	conserved
SLC3A1	0.12606196	0	conserved	conserved
SLC3A2	0.29338612	1.06566145	conserved	conserved
SLC40A1	0.00906785	0.01405223	conserved	conserved
SLC41A1	0.22453055	0.52269342	conserved	conserved
SLC41A2	0.3267353	0.01124513	conserved	conserved
SLC41A3	0.21363878	0.02258785	conserved	conserved
SLC43A1	0.06990457	0.00507343	conserved	conserved
SLC43A3	0.00257618	0.0179087	conserved	conserved
SLC44A1	4.19593932	0.33245339	monkey-NSC	conserved
SLC44A3	0.27869539	0.00474123	conserved	conserved
SLC44A4	0.00222781	0	conserved	conserved
SLC44A5	3.62910364	0.03489116	conserved	conserved
SLC45A1	0.09689255	0.00180324	conserved	conserved
SLC45A3	0.02259773	0	conserved	conserved
SLC45A4	0.13642875	0.07583439	conserved	conserved
SLC46A1	0.03221291	0.08876687	conserved	conserved
SLC46A2	0.00280021	0.02640338	conserved	conserved
SLC46A3	0.06763003	0.0283486	conserved	conserved
SLC47A1	0.67039303	0	conserved	conserved
SLC48A1	0.26401101	0.93786041	conserved	conserved
SLC4A1	0.01912157	0	conserved	conserved
SLC4A10	2.033613	0.01645301	monkey-NSC	conserved
SLC4A11	0.00529648	0.00829287	conserved	conserved
SLC4A1AP	0.27073991	0.10627668	conserved	conserved
SLC4A2	0.08468206	0.16047579	conserved	conserved
SLC4A4	21.0627178	0.9949572	monkey-NSC	conserved
SLC4A5	0.13615779	0	conserved	conserved
SLC4A7	0.72755118	0.25007874	conserved	conserved
SLC4A8	0.48629373	0.05397368	conserved	conserved
SLC4A9	0.18861605	0	conserved	conserved
SLC50A1	0.1487299	0.3560363	conserved	conserved
SLC51A	0.15531195	0	conserved	conserved
SLC52A3	0.00104317	0	conserved	conserved
SLC5A1	0.01015433	0	conserved	conserved
SLC5A10	0.04229715	0.00462855	conserved	conserved
SLC5A11	0.45602113	0.00281196	conserved	conserved
SLC5A12	0.0009451	0	conserved	conserved

SLC5A2	0.00505343	0	conserved	conserved
SLC5A5	0.01841781	0.00602539	conserved	conserved
SLC5A6	0.05399658	0.05882728	conserved	conserved
SLC5A7	0.0082399	0	conserved	conserved
SLC5A8	0.02365677	0	conserved	conserved
SLC5A9	0.00331911	0	conserved	conserved
SLC6A1	2.88896026	2.02197417	monkey-NSC	conserved
SLC6A11	2.43395562	1.59615471	monkey-NSC	conserved
SLC6A16	0.07581854	0	conserved	conserved
SLC6A17	0.14171754	0.07553991	conserved	conserved
SLC6A18	0	0	conserved	conserved
SLC6A19	0	0.00614403	conserved	conserved
SLC6A2	0.00276034	0	conserved	conserved
SLC6A3	0.00116876	0	conserved	conserved
SLC6A4	0.04383436	0	conserved	conserved
SLC6A5	0.00770507	0	conserved	conserved
SLC6A6	0.11636285	0.29431536	conserved	conserved
SLC6A7	0.18646124	0.01813765	conserved	conserved
SLC6A9	0.03830047	0.18263253	conserved	conserved
SLC7A1	0.105823	0.10273741	conserved	conserved
SLC7A11	2.55640027	0.54715124	monkey-NSC	conserved
SLC7A13	0.00135717	0	conserved	conserved
SLC7A14	0.26689701	0.00398187	conserved	conserved
SLC7A2	1.04736414	0.20069539	monkey-NSC	conserved
SLC7A3	0.00355973	0.00135972	conserved	conserved
SLC7A6OS	0.12724376	0.2246754	conserved	conserved
SLC7A7	0.21432181	0.01861216	conserved	conserved
SLC7A8	0.11566385	0.02281727	conserved	conserved
SLC7A9	0.23238841	0	conserved	conserved
SLC8A1	3.20042807	0	conserved	conserved
SLC8A2	0.18618007	0.02767017	conserved	conserved
SLC8A3	0.1129119	0.00680301	conserved	conserved
SLC8B1	0.15664897	0.23210662	conserved	conserved
SLC9A2	0.30944516	0	conserved	conserved
SLC9A3	0.00071662	0	conserved	conserved
SLC9A3R1	0.48209796	2.20690884	conserved	conserved
SLC9A3R2	0.03742515	0.15168548	conserved	conserved
SLC9A4	0.01378687	0	conserved	conserved
SLC9A6	0.66073929	0.22455319	conserved	conserved
SLC9A7	0.47840408	0.03817488	conserved	conserved
SLC9A8	1.00899846	0.18133903	conserved	conserved

SLC9A9	4.40218154	0.07402318	monkey-NSC	conserved
SLC9B1	0.47024914	0	conserved	conserved
SLC9B2	0.26583064	0	conserved	conserved
SLC9C1	0.01072248	0	conserved	conserved
SLCO1C1	2.08817915	1.29433712	conserved	conserved
SLCO2A1	0.03496443	0.05875634	conserved	conserved
SLCO2B1	0.05857034	0.0277903	conserved	conserved
SLCO3A1	1.79752879	0.01806756	monkey-NSC	conserved
SLCO4A1	0.0094622	0	conserved	conserved
SLCO4C1	0.01458001	0	conserved	conserved
SLCO5A1	0.04258933	0.03137266	conserved	conserved
SLF1	0.19056629	0.13540018	conserved	conserved
SLFN14	0.00430349	0	conserved	conserved
SLFN5	0.00440007	0.00265787	conserved	conserved
SLFNL1	0.08451288	0	conserved	conserved
SLIRP	0.37472348	2.01481035	conserved	conserved
SLIT1	0.89645566	0.00635165	conserved	conserved
SLIT2	1.17752095	0.50441969	conserved	conserved
SLIT3	1.39465134	0.01595834	conserved	conserved
SLITRK2	0.33087078	0.36494471	conserved	conserved
SLITRK3	0.03347313	0.01639266	conserved	conserved
SLITRK4	0.07872508	0.01107385	conserved	conserved
SLITRK5	0.09426082	0.10768769	conserved	conserved
SLITRK6	0	0	conserved	conserved
SLK	0.84164614	0.13195823	conserved	conserved
SLMAP	2.82752653	0.21014279	monkey-NSC	conserved
SLTM	1.31010635	0.81594654	conserved	conserved
SLU7	0.16811499	0.34750945	conserved	conserved
SLX4	0.06807039	0.03825681	conserved	conserved
SLX4IP	0.74749978	0.08914728	conserved	conserved
SMAD1	0.88894113	0.55052498	conserved	conserved
SMAD2	0.88290542	0.18902794	conserved	conserved
SMAD3	1.17317712	0.13751143	conserved	conserved
SMAD4	1.03472486	0.47239951	conserved	conserved
SMAD5	0.69036245	0.9007618	conserved	conserved
SMAP2	0.58761301	0.20207563	conserved	conserved
SMARCA1	0.69786532	0.15232066	conserved	conserved
SMARCA5	0.64206427	1.01912172	conserved	conserved
SMARCAD1	0.87457874	0.53601064	conserved	conserved
SMARCAL1	0.41805834	0.0863318	conserved	conserved
SMARCB1	0.54342221	1.26290608	conserved	conserved

SMARCC1	2.92010568	0.96371032	conserved	conserved
SMARCC2	1.09419331	0.4932146	conserved	conserved
SMARCD1	0.20102303	0.89824206	conserved	conserved
SMARCD3	0.56147338	0.6840788	conserved	conserved
SMC1A	0.26029251	0.36875134	conserved	conserved
SMC1B	0.14658951	0.00121328	conserved	conserved
SMC2	0.04913192	0.45068217	conserved	conserved
SMC3	1.0584892	1.02731351	conserved	conserved
SMC4	0.21248789	0.38328307	conserved	conserved
SMC6	0.42790533	1.30210146	conserved	conserved
SMCHD1	1.64333234	0.78846632	conserved	conserved
SMCO2	0.01855775	0	conserved	conserved
SMCO3	0	0	conserved	conserved
SMDT1	0.13909395	4.97076531	mouse-RGL	conserved
SMG1	1.67241131	0.28398543	conserved	conserved
SMG5	0.32213542	0.37509256	conserved	conserved
SMG6	3.17456858	0.27376598	conserved	conserved
SMG7	0.81395993	0.23965266	conserved	conserved
SMG9	0.34817257	0.25462979	conserved	conserved
SMO	0.8761796	0.51528222	conserved	conserved
SMOC1	0.29976857	0.11300961	conserved	conserved
SMOC2	0.1034343	0.01513147	conserved	conserved
SMOX	0.56388722	0.45136004	conserved	conserved
SMPD3	0.2326345	0.10941889	conserved	conserved
SMPD4	0.28532695	0.1266908	conserved	conserved
SMPDL3A	0.09056802	1.56406242	conserved	conserved
SMPX	0	0	conserved	conserved
SMTN	0.14009035	0.01107081	conserved	conserved
SMTNL1	0.02544416	0	conserved	conserved
SMTNL2	0.0015338	0.00891738	conserved	conserved
SMU1	0.32971912	0.503632	conserved	conserved
SMURF1	1.26873774	0.11890675	conserved	conserved
SMURF2	1.77525304	0.19428264	conserved	conserved
SMYD1	0.0122941	0	conserved	conserved
SMYD2	0.15583128	0.33358652	conserved	conserved
SMYD3	7.67010655	0.2182599	monkey-NSC	conserved
SMYD4	0.42053376	0.21113903	conserved	conserved
SMYD5	0.05575191	0.13470565	conserved	conserved
SNAI2	0.00507709	0.02936828	conserved	conserved
SNAI3	0.03420106	0	conserved	conserved
SNAP23	0.53145402	0.38797628	conserved	conserved

SNAP25	2.81872231	0.30294316	conserved	conserved
SNAP47	0.13394016	0.44293952	conserved	conserved
SNAP91	2.7630342	0.1123742	monkey-NSC	conserved
SNAPC2	0.02418078	0.37138373	conserved	conserved
SNAPC3	0.45199909	0.34868655	conserved	conserved
SNAPC4	0.19790626	0.06799731	conserved	conserved
SNAPC5	0.04894653	1.0253405	conserved	conserved
SNAPIN	0.0535331	1.06118246	conserved	conserved
SNCA	0.55256061	0.82609301	conserved	conserved
SNCAIP	0.37670783	0.43806744	conserved	conserved
SNCB	0.18750001	0.17998602	conserved	conserved
SNCG	0.20918438	0.0245744	conserved	conserved
SND1	1.75668462	0.24156773	conserved	conserved
SNF8	0.15985773	0.78076486	conserved	conserved
SNIP1	0.10901781	0.1172557	conserved	conserved
SNN	0.15408102	0.83762053	conserved	conserved
SNRK	0.95478264	0.58319119	conserved	conserved
SNRNP200	0.36874929	0.22669768	conserved	conserved
SNRNP35	0.05681071	0.19371943	conserved	conserved
SNRNP40	0.35895961	0.68779816	conserved	conserved
SNRNP48	0.18840263	0.32854648	conserved	conserved
SNRPB	0.10117868	3.20119535	mouse-RGL	conserved
SNRPB2	0.23024011	1.22546574	conserved	conserved
SNRPD1	0.0903846	2.4215649	mouse-RGL	conserved
SNRPD3	0.42614424	2.03968583	mouse-RGL	conserved
SNTB1	2.26937447	0.03635543	conserved	conserved
SNTG1	0.77337153	0.0221705	conserved	conserved
SNTG2	0.53558938	0.05093744	conserved	conserved
SNTN	0.00544282	0	conserved	conserved
SNUPN	0.13813538	0.1148672	conserved	conserved
SNW1	0.41645518	0.95622327	conserved	conserved
SNX1	0.77795829	0.35776297	conserved	conserved
SNX10	0.28645607	0.39739236	conserved	conserved
SNX11	0.23047668	0.19854871	conserved	conserved
SNX12	0.21888289	0.34445038	conserved	conserved
SNX13	1.5093753	0.18837284	conserved	conserved
SNX14	2.05177288	0.14648839	conserved	conserved
SNX15	0.04844196	0.39660333	conserved	conserved
SNX16	0.09903528	0.25668787	conserved	conserved
SNX17	0.08353473	1.08508844	mouse-RGL	conserved
SNX19	0.27842473	0.12946009	conserved	conserved

SNX2	0.68258278	0.4430115	conserved	conserved
SNX22	0.00067681	0.00216973	conserved	conserved
SNX25	0.85936919	0.04586002	conserved	conserved
SNX27	0.96899356	0.58649901	conserved	conserved
SNX29	4.13306271	0.06268655	conserved	conserved
SNX3	0.64106752	3.98312789	mouse-RGL	conserved
SNX30	0.3260108	0.08224614	conserved	conserved
SNX31	0.05528677	0	conserved	conserved
SNX32	1.12608169	0.28927137	conserved	conserved
SNX33	0.05764042	0.08992947	conserved	conserved
SNX4	1.46886521	0.68325226	conserved	conserved
SNX5	0.24309043	1.44748876	conserved	conserved
SNX6	0.98256483	1.05366799	conserved	conserved
SNX8	0.27150794	0.13274573	conserved	conserved
SNX9	1.78799631	0.06326845	conserved	conserved
SOAT1	0.17717856	0.80467583	conserved	conserved
SOAT2	0.00098371	0	conserved	conserved
SOBP	3.46017838	0.33209727	conserved	conserved
SOCS2	0.03605841	2.17220052	mouse-RGL	conserved
SOCS5	0.25455576	0.10884011	conserved	conserved
SOCS6	0.06373086	0.52340723	conserved	conserved
SOCS7	0.5169301	0.31644517	conserved	conserved
SOD1	0.26657041	1.26030481	conserved	conserved
SOD2	0.22963254	1.44172329	mouse-RGL	conserved
SOD3	0	0.01114252	conserved	conserved
SOGA1	0.8378781	0.04885191	monkey-NSC	conserved
SON	3.20591023	9.09169942	conserved	conserved
SORBS1	15.9084804	0.16149615	conserved	conserved
SORBS2	0.69201472	0.40586237	conserved	conserved
SORBS3	0.37937338	0.09740264	conserved	conserved
SORCS1	1.56388571	0.03007167	monkey-NSC	conserved
SORCS3	0.72139638	0.01146568	conserved	conserved
SORD	0.39569433	0.1240607	conserved	conserved
SORL1	3.70290275	0.27897647	monkey-NSC	conserved
SORT1	1.10028143	0.29018737	conserved	conserved
SOS2	1.60379904	0.18436731	conserved	conserved
SOSTDC1	0.00374836	0.02161289	conserved	conserved
SOX13	0.46573586	0.12338999	conserved	conserved
SOX30	0.11515951	0	conserved	conserved
SOX5	10.4206456	0.62162324	conserved	conserved
SOX6	2.88358229	0.98903027	conserved	conserved

SOX9	0.11860078	6.00038848	conserved	conserved
SP1	0.32125678	0.24204887	conserved	conserved
SP140	0.06105783	0	conserved	conserved
SP2	0.26629489	0.10814784	conserved	conserved
SP3	0.74568396	0.33440172	conserved	conserved
SP4	0.5047155	0.14588861	conserved	conserved
SP7	0.01783377	0	conserved	conserved
SP8	0.00119852	0.25287427	conserved	conserved
SP9	0	0	conserved	conserved
SPA17	0.04406926	0.21959872	conserved	conserved
SPACA1	0.0360819	0.00181086	conserved	conserved
SPACA3	0	0	conserved	conserved
SPACA6	0.36232725	0.14848805	conserved	conserved
SPACA7	0	0	conserved	conserved
SPAG1	0.20624142	0.08871589	conserved	conserved
SPAG16	1.77025602	0.02549105	conserved	conserved
SPAG17	0.03978681	0	conserved	conserved
SPAG4	0.00162988	0.03746244	conserved	conserved
SPAG7	0.22201617	0.9912426	conserved	conserved
SPAG8	0.01431918	0.03867052	conserved	conserved
SPAG9	4.47960248	1.29659294	conserved	conserved
SPARC	1.01906147	3.11288841	conserved	conserved
SPARCL1	16.4259335	5.62697862	monkey-NSC	conserved
SPAST	1.36539141	0.36117868	conserved	conserved
SPATA1	0.33834861	0.14082953	conserved	conserved
SPATA16	0.03164485	0	conserved	conserved
SPATA17	0.0922116	0.0047291	conserved	conserved
SPATA18	0.0170403	0.00299754	conserved	conserved
SPATA19	0	0	conserved	conserved
SPATA2	0.17229323	0.38947662	conserved	conserved
SPATA21	0.06805019	0.00820745	conserved	conserved
SPATA25	0.00469058	0	conserved	conserved
SPATA2L	0.05350892	0.02081915	conserved	conserved
SPATA3	0.00156976	0.07008143	conserved	conserved
SPATA32	0.01133606	0.00135972	conserved	conserved
SPATA4	0.00751094	0	conserved	conserved
SPATA5	1.75365393	0.07332777	monkey-NSC	conserved
SPATA6	1.2956134	0.15846633	conserved	conserved
SPATA7	0.38585607	0.25255624	conserved	conserved
SPATA9	0.25452872	0.00619986	conserved	conserved
SPATC1	0.00065553	0	conserved	conserved

SPATS1	0.0694047	0.03771071	conserved	conserved
SPATS2	0.89906963	0.3104077	conserved	conserved
SPATS2L	3.81264818	0.44095916	conserved	conserved
SPCS1	0.16402123	2.62232171	mouse-RGL	conserved
SPDEF	0.76111405	0	conserved	conserved
SPDL1	0.14365598	0.01082883	conserved	conserved
SPDYA	0.08509845	0.03858385	conserved	conserved
SPECC1	1.4808789	0.58187974	conserved	conserved
SPEF2	0.79677625	0.06096355	conserved	conserved
SPEM1	0.00306573	0.01164707	conserved	conserved
SPEN	2.16781268	0.28611154	monkey-NSC	conserved
SPG11	1.23900737	0.05095164	conserved	conserved
SPG21	0.27634897	0.85979852	conserved	conserved
SPG7	0.68809882	0.20533717	conserved	conserved
SPHK1	0.04429361	0.00533042	conserved	conserved
SPHK2	0.19389525	0.13194726	conserved	conserved
SPHKAP	1.52772183	0.03454322	monkey-NSC	conserved
SPIDR	2.64335749	0.10622424	conserved	conserved
SPIN1	1.86899641	0.68676996	conserved	conserved
SPIN4	0	0.04889986	conserved	conserved
SPINK1	0	0	conserved	conserved
SPINK5	0	0	conserved	conserved
SPINK7	0.00071629	0	conserved	conserved
SPINK8	0.03521358	0.00398434	conserved	conserved
SPINT2	0.1804623	0.07870723	conserved	conserved
SPINT3	0	0	conserved	conserved
SPINT4	0	0.00444142	conserved	conserved
SPN	0	0	conserved	conserved
SPNS1	0.10397311	0.32511931	conserved	conserved
SPNS3	0.00578878	0	conserved	conserved
SPOCD1	0.01997263	0	conserved	conserved
SPOCK1	2.40151212	0.021629	conserved	conserved
SPOCK2	0.43563104	0.4213475	conserved	conserved
SPOCK3	2.23956738	0.03940099	monkey-NSC	conserved
SPON1	3.54956734	0.12434328	conserved	conserved
SPOPL	0.57287551	0.29494373	conserved	conserved
SPP1	0.16290322	0.00368823	conserved	conserved
SPP2	0	0.01091856	conserved	conserved
SPPL3	2.24537471	0.3570446	conserved	conserved
SPR	0.00121208	0.73298453	conserved	conserved
SPRED1	2.71556808	1.32977042	conserved	conserved

SPRED2	1.45435331	0.31729398	conserved	conserved
SPRED3	0.06357429	0.05701188	conserved	conserved
SPRTN	0.14447359	0	conserved	conserved
SPRY1	0.11011696	0.18253454	conserved	conserved
SPRY2	0.11360208	1.25276464	conserved	conserved
SPRY4	0.06917463	0.0406898	conserved	conserved
SPRYD3	0.12743382	0.16822815	conserved	conserved
SPRYD7	0.15320671	0.22735452	conserved	conserved
SPSB1	0.02973533	0.08912786	conserved	conserved
SPSB2	0.00087462	0.25148312	conserved	conserved
SPSB3	0.36478082	0.15541111	conserved	conserved
SPTA1	0.0011622	0	conserved	conserved
SPTAN1	3.42420029	0.48576506	conserved	conserved
SPTB	0.10513099	0.02009844	conserved	conserved
SPTBN1	8.85784099	1.07838223	monkey-NSC	conserved
SPTBN2	0.19633362	0.14992283	conserved	conserved
SPTBN5	0.00793246	0	conserved	conserved
SPTLC1	0.43137703	0.25330359	conserved	conserved
SPTLC2	0.74234681	0.21690998	conserved	conserved
SPTLC3	0.05506052	0	conserved	conserved
SPTY2D1	0.12023835	0.21979893	conserved	conserved
SPX	0	0	conserved	conserved
SQLE	0.46840128	1.83936091	mouse-RGL	conserved
SQSTM1	0.59318163	0.57655896	conserved	conserved
SRBD1	0.99150051	0.1185967	conserved	conserved
SRC	0.08397301	0.38946936	conserved	conserved
SRCIN1	0.6549232	0.40142773	conserved	conserved
SRD5A1	0.09899172	0.1291599	conserved	conserved
SREBF1	0.26793637	0.37854909	conserved	conserved
SREBF2	2.85698823	0.67636524	monkey-NSC	conserved
SREK1IP1	0.26544631	1.12688142	conserved	conserved
SRF	0.05070284	0.10642206	conserved	conserved
SRFBP1	0.23345594	0.07103311	conserved	conserved
SRGAP1	1.18178068	0.03293025	conserved	conserved
SRGN	0.01149074	0.01076	conserved	conserved
SRI	0.53084879	1.43069224	mouse-RGL	conserved
SRP68	0.26246784	0.30494766	conserved	conserved
SRP72	0.30736594	0.7917065	conserved	conserved
SRP9	0.15459461	2.32529207	mouse-RGL	conserved
SRPK2	2.90728158	1.15662808	conserved	conserved
SRPK3	0.02209824	0.00788073	conserved	conserved

SRPRB	0.0958867	0.3923568	conserved	conserved
SRPX	0.38658077	0.038535	conserved	conserved
SRRD	0.04820567	0.30472266	conserved	conserved
SRRM1	0.85855633	1.94369803	conserved	conserved
SRRM2	1.20793504	4.4868015	mouse-RGL	conserved
SRRM4	0.4473552	0.11476291	conserved	conserved
SRRT	0.30626362	0.46079644	conserved	conserved
SRSF10	0.27792957	1.87270838	mouse-RGL	conserved
SRSF11	0.81240389	2.36841831	conserved	conserved
SRSF12	0.35591286	0.06754519	conserved	conserved
SRSF2	0.07709642	3.87906315	mouse-RGL	conserved
SRSF4	1.27076448	0.50621743	conserved	conserved
SRSF6	0.21715055	2.48575857	conserved	conserved
SRSF9	0.2868528	0.92179948	conserved	conserved
SRXN1	0.02945016	0.0945467	conserved	conserved
SS18	0.72973578	0.62879954	conserved	conserved
SS18L1	0.4503456	0.15793149	conserved	conserved
SSBP1	0.15089491	1.38466972	mouse-RGL	conserved
SSBP3	1.34663032	0.72365809	conserved	conserved
SSBP4	0.1930479	0.83368421	conserved	conserved
SSC5D	0.07066033	0.01216204	conserved	conserved
SSH1	0.64252211	0.19977073	conserved	conserved
SSH2	3.07890475	0.22166953	conserved	conserved
SSH3	0.10712135	0.08081187	conserved	conserved
SSMEM1	0.02714014	0.00396223	conserved	conserved
SSPN	0.7329253	0.09962543	conserved	conserved
SSR1	0.94294155	1.48645405	conserved	conserved
SSR2	0.09812829	1.43309529	mouse-RGL	conserved
SSR3	0.12237861	2.72227803	conserved	conserved
SSR4	0.04671665	2.06889373	conserved	conserved
SSRP1	0.14022903	1.22965445	conserved	conserved
SST	0.1386072	0.04971644	conserved	conserved
SSTR1	0	0.02632204	conserved	conserved
SSTR2	0.02271771	0.08123367	conserved	conserved
SSTR4	0	0	conserved	conserved
SSTR5	0.00191011	0	conserved	conserved
SSX2IP	0.46892749	0.16894405	conserved	conserved
ST14	0.00924821	0.01099735	conserved	conserved
ST18	0.44940272	0.01028755	conserved	conserved
ST3GAL1	0.13452091	0.06173217	conserved	conserved
ST3GAL2	0.20395086	0.14835133	conserved	conserved

ST3GAL3	2.93285989	0.13390495	conserved	conserved
ST3GAL4	0.21289263	0.83073017	conserved	conserved
ST3GAL5	1.15787814	0.45968059	conserved	conserved
ST3GAL6	0.36181807	0.11210581	conserved	conserved
ST6GAL1	0.28439219	0.09501377	conserved	conserved
ST6GALNAC1	0.02140912	0	conserved	conserved
ST6GALNAC2	0.05918009	0.0771131	conserved	conserved
ST6GALNAC3	2.53862416	0.16862359	conserved	conserved
ST6GALNAC5	10.5543679	1.11540311	monkey-NSC	conserved
ST7	2.61895479	0.38946187	conserved	conserved
ST7L	2.41183951	0.20409858	conserved	conserved
ST8SIA1	0.72542104	0.11118476	conserved	conserved
ST8SIA2	0.03714754	0.24500521	conserved	conserved
ST8SIA3	0.02928402	0.06900427	conserved	conserved
ST8SIA4	0.16439611	0.04829059	conserved	conserved
ST8SIA5	0.3466109	0.01812687	conserved	conserved
STAB1	0.03926428	0.00281196	conserved	conserved
STAB2	0.01955161	0.00223928	conserved	conserved
STAC	0.08531802	0	conserved	conserved
STAC2	0.2440486	0	conserved	conserved
STAG1	2.32927018	0.68489842	conserved	conserved
STAG2	0.72604417	0.50894745	conserved	conserved
STAG3	0.10117989	0.01132821	conserved	conserved
STAM	0.54345845	0.34068301	conserved	conserved
STAM2	0.58315134	0.23602161	conserved	conserved
STAMBP	0.31426376	0.19535836	conserved	conserved
STAMBPL1	0.24283051	0.00971818	conserved	conserved
STAP1	0.02422487	0.01618617	conserved	conserved
STAP2	0.0602948	0.00374955	conserved	conserved
STARD10	0.13064287	0.17731629	conserved	conserved
STARD13	0.96954855	0.08971649	conserved	conserved
STARD3NL	0.29577258	1.25748058	conserved	conserved
STARD4	0.11380213	0.31405387	conserved	conserved
STARD5	0.00460435	0.1070342	conserved	conserved
STARD6	0.07959768	0.03642748	conserved	conserved
STARD7	0.39200322	0.98637268	mouse-RGL	conserved
STARD8	0.00574918	0.08598989	conserved	conserved
STAT1	0.23485119	0.05356284	conserved	conserved
STAT3	1.24534459	0.67909598	conserved	conserved
STAT4	0.26178576	0	conserved	conserved
STAT5A	0.07781845	0.03849356	conserved	conserved

STAT5B	0.29436172	0.09507426	conserved	conserved
STAT6	0.03069804	0.00329745	conserved	conserved
STAU1	1.50544638	0.51759591	conserved	conserved
STC1	0.00448351	0.02046569	conserved	conserved
STC2	0.00570804	0.01541267	conserved	conserved
STEAP2	0.10646968	0.12592307	conserved	conserved
STEAP3	0.05250909	0.0244301	conserved	conserved
STEAP4	0.07066904	0	conserved	conserved
STIL	0.12210206	0.02018056	conserved	conserved
STIM1	2.23093007	0.07587182	monkey-NSC	conserved
STIM2	0.92064508	0.18273906	conserved	conserved
STIP1	0.27713545	0.46441876	conserved	conserved
STK10	0.46802047	0.01644528	conserved	conserved
STK11IP	0.29335582	0.04231382	conserved	conserved
STK16	0.06293372	0.89161122	conserved	conserved
STK19	0.20130905	0.47586867	conserved	conserved
STK24	0.65385879	0.10981418	conserved	conserved
STK25	0.29093323	0.42411646	conserved	conserved
STK26	0.01356309	0	conserved	conserved
STK3	1.76786437	0.24867556	conserved	conserved
STK31	0.39598785	0	conserved	conserved
STK32A	0.18287629	0.00958321	conserved	conserved
STK32B	0.27465236	0.03395577	conserved	conserved
STK32C	0.1393326	0.07237645	conserved	conserved
STK33	0.97701996	0	monkey-NSC	monkey-NSC1-enriched
STK35	0.41406945	0.10405386	conserved	conserved
STK36	0.11331959	0.0697175	conserved	conserved
STK38	0.6011816	0.47851287	conserved	conserved
STK38L	0.88565165	0.2213023	conserved	conserved
STK39	1.27448809	0.15321203	conserved	conserved
STK4	0.43399165	0.21109761	conserved	conserved
STK40	0.25576682	0.12414651	conserved	conserved
STKLD1	0.17104953	0	conserved	conserved
STMN1	0.49140622	5.81105051	mouse-RGL	conserved
STMN2	0.36368157	0.70538338	conserved	conserved
STMN3	0.33386168	1.10023904	mouse-RGL	conserved
STMN4	0.31789514	0.48469649	conserved	conserved
STMND1	0.00719182	0	conserved	conserved
STOML1	0.06911208	0.3198466	conserved	conserved
STOML2	0.10772884	1.0179154	mouse-RGL	conserved
STOML3	0.00090465	0.00392712	conserved	conserved

STON2	3.87495486	0.05712288	monkey-NSC	conserved
STOX1	0.02738872	0.10430561	conserved	conserved
STOX2	1.5206923	1.10979228	conserved	conserved
STPG1	0.01546333	0.00256096	conserved	conserved
STPG2	0.37993592	0	conserved	conserved
STRA6	0.00173739	0	conserved	conserved
STRA8	0.00139998	0	conserved	conserved
STRADA	1.44813616	0.15643053	conserved	conserved
STRADB	0.27165573	0.29819274	conserved	conserved
STRAP	0.20965048	1.80616918	mouse-RGL	conserved
STRBP	1.13252139	0.5958436	conserved	conserved
STRC	0.31942712	0	conserved	conserved
STRIP1	0.39124351	0.24610819	conserved	conserved
STRIP2	0.28608882	0.04397188	conserved	conserved
STRN	0.98871506	0.09836225	conserved	conserved
STRN3	2.6724191	0.83347909	conserved	conserved
STRN4	0.16784872	0.52365362	conserved	conserved
STT3A	0.26735345	0.3797172	conserved	conserved
STT3B	0.95475632	0.89919134	conserved	conserved
STUB1	0.21004321	2.32874554	conserved	conserved
STX11	0.00622014	0.00220774	conserved	conserved
STX17	0.58891743	0.20332549	conserved	conserved
STX18	1.418115	0.2515028	conserved	conserved
STX19	0.03086866	0	conserved	conserved
STX1A	0.12790964	0.05987424	conserved	conserved
STX1B	0.29328439	0.20313649	conserved	conserved
STX2	0.32983506	0.10657528	conserved	conserved
STX3	0.21886887	0.09680166	conserved	conserved
STX6	0.76815303	1.19483942	mouse-RGL	conserved
STX7	0.59022831	0.91004325	conserved	conserved
STX8	2.12097229	0.56765053	conserved	conserved
STXBP1	1.28739586	0.33996599	conserved	conserved
STXBP2	0.00126231	0.04211578	conserved	conserved
STXBP3	0.7343485	0.20291101	conserved	conserved
STXBP4	0.89072594	0.20420252	conserved	conserved
STXBP5	5.12729893	0.0896	conserved	conserved
STXBP5L	9.79034212	0.0306906	monkey-NSC	conserved
STYK1	0.16942271	0.00181086	conserved	conserved
SUB1	0.6430236	7.58700927	mouse-RGL	conserved
SUCLG1	0.51924492	1.31550677	conserved	conserved
SUCNR1	0	0	conserved	conserved

SUCO	0.86132458	0.21265901	conserved	conserved
SUFU	1.74344128	0.10244831	conserved	conserved
SUGCT	2.26608339	0.00421103	monkey-NSC	conserved
SUGP2	1.33877891	0.22189657	conserved	conserved
SULF1	0.11629458	0.03667245	conserved	conserved
SULF2	0.25333258	0.15534177	conserved	conserved
SULT1B1	0.01323928	0	conserved	conserved
SULT1C2	0.4302246	0	conserved	conserved
SULT2B1	0.03143535	0.00537961	conserved	conserved
SULT6B1	0.00568316	0.01351097	conserved	conserved
SUMF1	0.90640601	0.21505126	conserved	conserved
SUMO3	0.10058436	1.88597122	mouse-RGL	conserved
SUN1	0.96864226	0.2106085	conserved	conserved
SUN2	0.22841313	0.1076299	conserved	conserved
SUN3	0.00092402	0.02068895	conserved	conserved
SUN5	0.0021668	0	conserved	conserved
SUPT7L	0.23009382	0.23117616	conserved	conserved
SURF1	0.03390062	0.51380587	conserved	conserved
SURF2	0.04375423	0.39007106	conserved	conserved
SURF4	0.52390925	0.45316097	conserved	conserved
SUSD1	0.20590284	0	conserved	conserved
SUSD2	0.00273682	0.00248184	conserved	conserved
SUSD4	1.0656356	0.03928952	conserved	conserved
SUSD5	0.06088675	0.01797027	conserved	conserved
SUSD6	1.61855903	0.1651932	monkey-NSC	conserved
SUV39H1	0.02327169	0.10621682	conserved	conserved
SUZ12	1.59875407	0.29310945	conserved	conserved
SV2A	0.17558653	0.08890896	conserved	conserved
SV2B	0.38656339	0.02520438	conserved	conserved
SV2C	0.07044951	0.10119215	conserved	conserved
SVBP	0.0532979	1.98685778	mouse-RGL	conserved
SVEP1	0.24593554	0	conserved	conserved
SVIP	0.04249767	0.4730789	conserved	conserved
SVOP	0.41109647	0.03484597	conserved	conserved
SVOPL	0.01248457	0	conserved	conserved
SWAP70	1.16637449	0.1697747	conserved	conserved
SWSAP1	0.00623124	0.13658087	conserved	conserved
SWT1	2.51698258	0.4116258	conserved	conserved
SYAP1	0.23649582	0.25384979	conserved	conserved
SYBU	2.33744245	0.53322559	conserved	conserved
SYCE1L	0.05116963	0	conserved	conserved

SYCP1	0.00578501	0	conserved	conserved
SYCP2	0.23790608	0.01153846	conserved	conserved
SYCP2L	0.01247133	0	conserved	conserved
SYDE1	0.01014913	0.10254012	conserved	conserved
SYF2	0.13731248	1.05816865	mouse-RGL	conserved
SYK	0.01839919	0.00775707	conserved	conserved
SYN2	2.30921473	0.55456276	conserved	conserved
SYN3	0.85296476	0.04898659	conserved	conserved
SYNC	0.37295696	0	conserved	conserved
SYNDIG1	0.38927732	0.02285373	conserved	conserved
SYNDIG1L	0.00553086	0.01013066	conserved	conserved
SYNE1	17.9685845	0.07513533	monkey-NSC	conserved
SYNE2	0.43992928	0.25170033	conserved	conserved
SYNE3	0.26525117	0	conserved	conserved
SYNE4	0	0.01219117	conserved	conserved
SYNGAP1	0.45572653	0.07161132	conserved	conserved
SYNGR4	0.00978769	0	conserved	conserved
SYNJ1	1.23338122	0.38918366	conserved	conserved
SYNJ2	0.52325979	0.01708649	conserved	conserved
SYNM	0.46426952	0.05628725	conserved	conserved
SYNPO2	1.33118381	0.02459827	monkey-NSC	conserved
SYNPO2L	0.05522306	0	conserved	conserved
SYNPR	1.72251954	0.13134411	conserved	conserved
SYNRG	0.42988365	0.32721097	conserved	conserved
SYP	0.52252321	0.11699528	conserved	conserved
SYPL2	0.12233111	0.03144828	conserved	conserved
SYT1	8.90508408	0.11978319	conserved	conserved
SYT10	0.11700497	0.01551386	conserved	conserved
SYT11	0.81627004	8.7558917	conserved	conserved
SYT12	0.0626777	0.01890924	conserved	conserved
SYT13	0.13395283	0.03011614	conserved	conserved
SYT14	3.11099242	0.04380107	conserved	conserved
SYT17	1.68659614	0.04312473	monkey-NSC	conserved
SYT2	0.1057388	0.00868275	conserved	conserved
SYT4	0.24117603	0.11104639	conserved	conserved
SYT5	0.23521765	0.11153088	conserved	conserved
SYT6	0.00763103	0.00182916	conserved	conserved
SYT7	0.21389112	0.2487095	conserved	conserved
SYT8	0	0	conserved	conserved
SYT9	0.12574943	0.04434313	conserved	conserved
SYTL1	0.00687385	0.00972071	conserved	conserved

SYTL5	0.06185127	0	conserved	conserved
SZRD1	1.02268164	0.4941811	conserved	conserved
SZT2	0.76831576	0.09626809	conserved	conserved
TAB1	0.59984285	0.16449345	conserved	conserved
TAB2	3.36493409	0.60877352	conserved	conserved
TAB3	0.15837541	0.05841653	conserved	conserved
TAC1	0.02459791	0	conserved	conserved
TACC2	2.07391933	0.36074214	conserved	conserved
TACC3	0.02308808	0.08266503	conserved	conserved
TACR1	0.15937536	0.00205787	conserved	conserved
TACR2	0.01405663	0	conserved	conserved
TADA1	0.27481155	0.46673654	conserved	conserved
TADA2A	0.47472512	0.21339469	conserved	conserved
TADA2B	0.12277757	0.10622278	conserved	conserved
TADA3	0.15276604	0.27596114	conserved	conserved
TAF12	0.38384431	0.44390147	conserved	conserved
TAF13	0.2385756	1.01012357	conserved	conserved
TAF15	2.98933233	0.28787276	conserved	conserved
TAF1A	0.11096663	0.0897888	conserved	conserved
TAF1B	0.69615333	0.1918723	conserved	conserved
TAF1C	0.12084399	0.05100373	conserved	conserved
TAF1D	0.67793801	0.91109451	conserved	conserved
TAF2	0.77779053	0.28518474	conserved	conserved
TAF3	1.32347398	0.26243259	conserved	conserved
TAF4B	0.09449965	0.03231868	conserved	conserved
TAF5	0.05166826	0.027947	conserved	conserved
TAF5L	0.27172869	0.15690202	conserved	conserved
TAF6	0.07141396	0.42912919	conserved	conserved
TAF6L	0.26739975	0.40532543	conserved	conserved
TAF8	0.39264822	0.15146348	conserved	conserved
TAF9B	0.0736713	0.2185303	conserved	conserved
TAGLN2	0.0103269	0.25788654	conserved	conserved
TAGLN3	0.10906518	1.73967737	conserved	conserved
TALDO1	0.2077173	1.45999419	mouse-RGL	conserved
TAMM41	0.32760307	0.09016665	conserved	conserved
TANC1	1.18257588	0.27567652	conserved	conserved
TANC2	5.32445229	0.40578141	conserved	conserved
TANGO2	0.50047621	0.19548033	conserved	conserved
TANGO6	1.90732925	0.04941348	conserved	conserved
TANK	0.71342154	0.40864032	conserved	conserved
TAOK1	2.43342257	0.98796915	conserved	conserved

TAOK2	0.39073231	0.28860336	conserved	conserved
TAOK3	3.57578999	0.39722423	conserved	conserved
TAPBP	0.15421384	0.37612507	conserved	conserved
TAPT1	0.68423017	0.13469849	conserved	conserved
TARM1	0.01328057	0	conserved	conserved
TARS2	0.22218634	0.1171306	conserved	conserved
TAS1R1	0.07259054	0	conserved	conserved
TAS1R2	0.00100731	0	conserved	conserved
TASP1	1.26167306	0.14973764	conserved	conserved
TAT	0.00128476	0	conserved	conserved
TATDN1	1.28395022	0.12391829	conserved	conserved
TATDN3	0.18711501	0.08695229	conserved	conserved
TAX1BP1	1.57226168	0.9515347	conserved	conserved
TAX1BP3	0.13142685	0.34841367	conserved	conserved
TAZ	0.22843619	0.68081408	conserved	conserved
TBATA	0	0.0048669	conserved	conserved
TBC1D10B	0.13840266	0.16759144	conserved	conserved
TBC1D10C	0.00253249	0.00356942	conserved	conserved
TBC1D13	0.33226592	0.08068897	conserved	conserved
TBC1D14	0.81618362	0.23352094	conserved	conserved
TBC1D15	0.77932283	0.20881757	conserved	conserved
TBC1D16	0.52182207	0.28975674	conserved	conserved
TBC1D17	0.28304199	0.41745442	conserved	conserved
TBC1D19	1.42483904	0.34618646	conserved	conserved
TBC1D2	0.11311309	0.01166166	conserved	conserved
TBC1D20	0.16354118	0.22564403	conserved	conserved
TBC1D21	0.00686536	0	conserved	conserved
TBC1D22A	2.30712676	0.10118541	conserved	conserved
TBC1D22B	0.44978577	0.11036083	conserved	conserved
TBC1D23	1.34347969	0.19253818	conserved	conserved
TBC1D25	0.24198755	0.02552718	conserved	conserved
TBC1D2B	1.08541512	0.0409378	conserved	conserved
TBC1D32	0.88179691	0.08692577	conserved	conserved
TBC1D4	0.41783445	0.33443266	conserved	conserved
TBC1D5	4.044389	0.0973575	monkey-NSC	conserved
TBC1D7	0.13794476	0.39121873	conserved	conserved
TBC1D8	0.43441396	0.04059179	conserved	conserved
TBC1D8B	0.08682462	0.02491984	conserved	conserved
TBC1D9	0.2352901	0.11346026	conserved	conserved
TBC1D9B	0.72212219	0.21086063	conserved	conserved
TBCC	0.00274705	0.34294799	conserved	conserved

TBCCD1	0.10187401	0.13461461	conserved	conserved
TBCD	0.8322747	0.09631165	conserved	conserved
TBCK	1.48517538	0.38378678	conserved	conserved
TBKBP1	0.10176079	0.19330245	conserved	conserved
TBL1XR1	1.79312214	0.51135806	conserved	conserved
TBL2	0.04966969	0.19770543	conserved	conserved
TBL3	0.07755092	0.25401985	conserved	conserved
TBP	0.15966013	0.13100049	conserved	conserved
TBPL1	0.42606441	0.83882483	conserved	conserved
TBPL2	0.00573356	0	conserved	conserved
TBRG1	0.25134199	0.75086404	conserved	conserved
TBRG4	0.11033225	0.09046014	conserved	conserved
TBX1	0.00422755	0	conserved	conserved
TBX15	0.0078575	0	conserved	conserved
TBX18	0.00289745	0.00327811	conserved	conserved
TBX20	0.00514881	0	conserved	conserved
TBX21	0	0.01223877	conserved	conserved
TBX22	0	0	conserved	conserved
TBX3	0.00114549	0	conserved	conserved
TBX4	0	0	conserved	conserved
TBX5	0	0.00271457	conserved	conserved
TBX6	0.0629374	0.0070848	conserved	conserved
TBXAS1	0.03448363	0.00393916	conserved	conserved
TC2N	0.27349476	0	conserved	conserved
TCAF1	0.74021855	0.60529097	conserved	conserved
TCAIM	1.12605961	0.11618182	conserved	conserved
TCEA1	0.62608232	0.86553832	conserved	conserved
TCEA3	0.14504516	0.0189718	conserved	conserved
TCEAL1	0.04466976	0.5521536	conserved	conserved
TCEAL7	0.025115	0.0045195	conserved	conserved
TCEAL8	0.03146993	2.64364942	mouse-RGL	conserved
TCEANC	0.04466704	0.04955499	conserved	conserved
TCEANC2	0.26265151	0.20887055	conserved	conserved
TCERG1	1.25788812	0.42743315	conserved	conserved
TCERG1L	0.04895543	0.01814425	conserved	conserved
TCF12	6.38344637	0.8923788	conserved	conserved
TCF15	0.00493605	0.01767577	conserved	conserved
TCF19	0.00541867	0.18044989	conserved	conserved
TCF21	0.0018382	0	conserved	conserved
TCF23	0	0	conserved	conserved
TCF24	0.0039416	0.01084134	conserved	conserved

TCF25	1.34266787	1.86462747	conserved	conserved
TCF3	0.51125759	1.38263212	mouse-RGL	conserved
TCF4	13.5629153	14.3527966	conserved	conserved
TCF7L2	7.84929331	0.9671354	conserved	conserved
TCIRG1	0.01474645	0.11178756	conserved	conserved
TCN2	0.4012663	0.14939633	conserved	conserved
TCOF1	0.21209444	0.27573114	conserved	conserved
TCP11	0.14711191	0.00334117	conserved	conserved
TCP11L1	0.42040444	0.24503154	conserved	conserved
TCP11L2	0.2931008	0.29872524	conserved	conserved
TCTE1	0.02035697	0	conserved	conserved
TCTN1	0.43708443	0.11705434	conserved	conserved
TCTN3	0.19064251	0.11165607	conserved	conserved
TDG	0.29386707	0.59356563	conserved	conserved
TDO2	0	0.004266	conserved	conserved
TDP1	0.31469078	0.16957927	conserved	conserved
TDP2	0.34031486	0.46411474	conserved	conserved
TDRD1	0.01475866	0	conserved	conserved
TDRD3	2.10209293	0.21895128	conserved	conserved
TDRD5	0.03439136	0	conserved	conserved
TDRD6	0.03181307	0.00704178	conserved	conserved
TDRD7	0.33590992	0.07159556	conserved	conserved
TDRD9	0.02753043	0	conserved	conserved
TDRKH	0.14192126	0.50457253	conserved	conserved
TDRP	0.32437141	0.04152802	conserved	conserved
TEAD1	2.45191649	0.91983265	conserved	conserved
TEAD2	0.11640235	0.88064511	conserved	conserved
TEAD3	0.12238202	0.06881112	conserved	conserved
TEC	0.00874834	0.00866451	conserved	conserved
TECPR2	4.82630771	0.18029338	monkey-NSC	conserved
TECRL	0.01055274	0	conserved	conserved
TECTB	0.00820622	0.01190975	conserved	conserved
TEF	0.97285406	0.8448987	conserved	conserved
TEK	0.21894041	0.00379606	conserved	conserved
TEKT1	0.03334363	0.12731213	conserved	conserved
TEKT2	0.00333305	0.0343842	conserved	conserved
TEKT3	0.04309127	0	conserved	conserved
TEKT5	0.21953032	0.09492432	conserved	conserved
TENM1	0.61133454	0.01510702	conserved	conserved
TENM2	9.37303289	0.1704078	conserved	conserved
TEP1	0.43021472	0.01704584	conserved	conserved

TERF1	1.48391597	0.1566894	conserved	conserved
TERF2	0.5271968	0.17745246	conserved	conserved
TERF2IP	0.49274877	0.37454835	conserved	conserved
TERT	0.00516823	0	conserved	conserved
TESC	0.12894303	0.63966629	conserved	conserved
TESK1	0.10973665	0.14424821	conserved	conserved
TESK2	1.9582234	0.038245	monkey-NSC1	monkey-NSC1-enriched
TET1	2.33534886	0.41502324	conserved	conserved
TET2	1.21061922	0.23326612	conserved	conserved
TET3	1.16685031	0.46970466	conserved	conserved
TEX10	0.3979961	0.14059723	conserved	conserved
TEX101	0	0	conserved	conserved
TEX11	0.03835783	0	conserved	conserved
TEX12	0	0	conserved	conserved
TEX14	0.13239881	0.00613824	conserved	conserved
TEX15	0.02026831	0.01589869	conserved	conserved
TEX2	1.12897223	0.09651248	conserved	conserved
TEX22	0.18783295	0.00737011	conserved	conserved
TEX26	0.12014758	0.01454785	conserved	conserved
TEX261	0.35429891	0.73256637	conserved	conserved
TEX30	0.04861982	0.34316447	conserved	conserved
TEX33	0.00568314	0	conserved	conserved
TEX35	0.00197826	0.00365779	conserved	conserved
TEX36	0	0	conserved	conserved
TEX37	0.00056432	0	conserved	conserved
TEX38	0.0225466	0	conserved	conserved
TEX43	0.00150848	0	conserved	conserved
TEX9	0.12916516	0.41604465	conserved	conserved
TFAM	0.15653327	0.45826057	conserved	conserved
TFAP2A	0.00550274	0.00290605	conserved	conserved
TFAP2B	0	0	conserved	conserved
TFAP2C	0.11037379	1.50037078	mouse-RGL	conserved
TFAP2D	0.01202513	0	conserved	conserved
TFAP2E	0.02516899	0.00286844	conserved	conserved
TFAP4	0.06218678	0.14798929	conserved	conserved
TFB1M	0.35084295	0.03821683	conserved	conserved
TFB2M	0.2759804	0.25969023	conserved	conserved
TFCP2	1.49528778	0.18382147	monkey-NSC1	conserved
TFCP2L1	0.15317046	0.00332819	conserved	conserved
TFDP2	3.98974998	0.47616105	conserved	conserved
TFE3	0.25496577	0.17694902	conserved	conserved

TFEB	0.4424142	0.06530285	conserved	conserved
TFEC	0.03839892	0	conserved	conserved
TFF2	0	0	conserved	conserved
TFG	0.52198593	0.64994752	conserved	conserved
TFIP11	0.13605495	0.10218362	conserved	conserved
TFPI	0.07017124	0.03697713	conserved	conserved
TFPI2	0	0	conserved	conserved
TFPT	0.10717117	0.31628808	conserved	conserved
TFR2	0.03632152	0.02219504	conserved	conserved
TFRC	0.36309831	0.18883562	conserved	conserved
TGDS	0.16224844	0.13131487	conserved	conserved
TGFB1	0.307489	0.01942233	conserved	conserved
TGFB1I1	0.00117361	0.07283503	conserved	conserved
TGFB2	2.60196064	1.70055464	conserved	conserved
TGFB3	0.19342671	0.13939245	conserved	conserved
TGFBI	0.00112965	0	conserved	conserved
TGFBR1	0.41442143	0.27642985	conserved	conserved
TGFBR2	0.1007654	0.03392329	conserved	conserved
TGFBR3	0.78379902	0.00476005	conserved	conserved
TGFBRAP1	0.19869918	0.21924831	conserved	conserved
TGIF1	0.13060356	0.21213277	conserved	conserved
TGM2	0.00344414	0.02105677	conserved	conserved
TGM5	0.00638987	0	conserved	conserved
TGM7	0.00848261	0	conserved	conserved
TGS1	0.31892939	0.52836806	conserved	conserved
TH	0	0	conserved	conserved
THADA	2.72177957	0.05146569	monkey-NSC	conserved
THAP1	0.06054868	0.12227206	conserved	conserved
THAP11	0.01815536	0.50004756	conserved	conserved
THAP2	0.12413349	0.20528554	conserved	conserved
THAP3	0.34102131	0.88332323	conserved	conserved
THAP4	0.45553371	0.15448641	conserved	conserved
THAP7	0.11899165	0.45076971	conserved	conserved
THBS1	0.0025595	0.06529953	conserved	conserved
THBS3	0.5449537	0.5589028	conserved	conserved
THBS4	0.00147993	0.04429911	conserved	conserved
THEGL	0.08830284	0	conserved	conserved
THEM4	0.16240343	0.57935458	conserved	conserved
THEM6	0.03857587	0.03196294	conserved	conserved
THEMIS	0.01033911	0	conserved	conserved
THEMIS2	0.04040656	0	conserved	conserved

THNSL2	0.3855513	0.04172478	conserved	conserved
THOC1	0.67947035	0.25185473	conserved	conserved
THOC2	1.66325488	1.19079126	conserved	conserved
THOC3	0.09650349	0.46967937	conserved	conserved
THOC5	0.23752452	0.084641	conserved	conserved
THOC6	0.01336755	0.22023244	conserved	conserved
THOC7	0.39953193	1.85661969	conserved	conserved
THOP1	0.1281719	0.35804261	conserved	conserved
THPO	0.03173173	0	conserved	conserved
THRA	0.57729162	2.14653295	conserved	conserved
THRB	1.92290291	0.05163665	monkey-NSC	conserved
THSD1	0.95864869	0.006369	conserved	conserved
THSD4	0.14897011	0.00829256	conserved	conserved
THSD7A	3.59306653	0.0505246	conserved	conserved
THSD7B	0.82643149	0.07612897	conserved	conserved
THTPA	1.0916209	0.37752356	conserved	conserved
THUMPD1	0.11484408	0.2870426	conserved	conserved
THUMPD2	0.33007002	0.08407925	conserved	conserved
THUMPD3	0.31072013	0.33315385	conserved	conserved
THY1	0.46704095	0.20888206	conserved	conserved
THYN1	0.07865288	0.78462224	conserved	conserved
TIA1	1.65198751	2.13213756	conserved	conserved
TIAL1	0.62260743	0.70675444	conserved	conserved
TIAM1	2.11443153	0.03911885	monkey-NSC	conserved
TIAM2	0.59799296	0.06342061	conserved	conserved
TICAM1	0.01383079	0.06606357	conserved	conserved
TICRR	0	0.04006192	conserved	conserved
TIE1	0.04370059	0	conserved	conserved
TIFA	0.0016586	0.30500962	conserved	conserved
TIGD2	0.01029606	0.43640533	conserved	conserved
TIMD4	0.00810289	0	conserved	conserved
TIMM17A	0.16602568	1.06531366	conserved	conserved
TIMM17B	0.02429812	0.86263667	conserved	conserved
TIMM21	0.07059607	0.58892138	conserved	conserved
TIMM22	0.10076356	0.83266564	conserved	conserved
TIMM23	1.02768569	0.02093781	conserved	conserved
TIMM44	0.11989582	0.49831627	conserved	conserved
TIMMDC1	0.79728295	0.29546506	conserved	conserved
TIMP1	0.01406492	0.01904617	conserved	conserved
TIMP2	0.24869203	1.27148063	conserved	conserved
TIMP3	4.178143	1.20907739	monkey-NSC	conserved

TIMP4	0.00383662	0.79132212	conserved	conserved
TINF2	0.03316888	0.13737737	conserved	conserved
TIPARP	0.27914184	1.13465215	conserved	conserved
TIPIN	0.05515734	1.23035694	conserved	conserved
TJAP1	0.08466873	0.13762593	conserved	conserved
TJP1	5.8321807	0.62864583	conserved	conserved
TK1	0.0081268	0.07020234	conserved	conserved
TK2	0.42629424	0.1907648	conserved	conserved
TKFC	0.05006768	0.10963485	conserved	conserved
TKT	0.48112048	1.46407726	conserved	conserved
TKTL1	0.03316397	0	conserved	conserved
TLDC2	0.00375482	0	conserved	conserved
TLE1	2.75845185	1.13297543	conserved	conserved
TLE2	0.13242615	0.06382734	conserved	conserved
TLE3	0.5825718	0.42369091	conserved	conserved
TLE4	1.43247249	0.82480121	conserved	conserved
TLE6	0.0044158	0	conserved	conserved
TLK2	1.53861103	0.27539281	conserved	conserved
TLL1	0.22051739	0	conserved	conserved
TLL2	0.05577511	0	conserved	conserved
TLN1	0.15983481	0.52900953	conserved	conserved
TLN2	5.20765825	0.11935517	monkey-NSC	conserved
TLR1	0.00734281	0.0807562	conserved	conserved
TLR2	0.00286652	0.00374955	conserved	conserved
TLR3	0.00380283	0.16877351	conserved	conserved
TLR4	0.09369718	0	conserved	conserved
TLR5	0.03289629	0	conserved	conserved
TLR7	0.00204174	0	conserved	conserved
TLR8	0.00300477	0	conserved	conserved
TM2D1	0.51152086	1.16915684	conserved	conserved
TM2D3	0.23754204	0.68135849	conserved	conserved
TM4SF20	0.03549353	0	conserved	conserved
TM4SF4	0	0	conserved	conserved
TM4SF5	0.02536077	0.00430314	conserved	conserved
TM6SF1	0.18510675	0.00503465	conserved	conserved
TM6SF2	0.01293672	0.00595068	conserved	conserved
TM7SF3	0.24534914	0.57136246	conserved	conserved
TM9SF2	0.64841954	0.53101945	conserved	conserved
TM9SF3	1.03842064	1.25394915	conserved	conserved
TM9SF4	0.97280673	0.34887887	conserved	conserved
TMBIM1	0.37286094	0.15779087	conserved	conserved

TMBIM6	0.8673229	2.41266288	conserved	conserved
TMC1	0.11008017	0	conserved	conserved
TMC2	0.04965985	0	conserved	conserved
TMC3	0.00607702	0	conserved	conserved
TMC4	0.03052621	0.03935406	conserved	conserved
TMC5	0.01614595	0	conserved	conserved
TMC6	0.04855081	0.01454403	conserved	conserved
TMC7	0.24762651	0.05424099	conserved	conserved
TMC8	0.00346294	0	conserved	conserved
TMCC1	3.51380343	1.35853879	conserved	conserved
TMCC2	0.12696632	0.13622684	conserved	conserved
TMCC3	0.78616149	0.29487346	conserved	conserved
TMCO1	0.53408087	1.37437737	conserved	conserved
TMCO2	0.00096119	0	conserved	conserved
TMCO3	0.85800751	0.23568643	conserved	conserved
TMCO4	0.46205534	0.0127571	conserved	conserved
TMCO6	0.04378915	0.19091106	conserved	conserved
TMED1	0.04634141	0.82063523	conserved	conserved
TMED10	0.83329074	2.19780415	conserved	conserved
TMED3	0.18307599	0.61694519	conserved	conserved
TMED4	0.1094172	0.71178787	conserved	conserved
TMED5	0.08404799	0.77991937	conserved	conserved
TMED9	0.1951787	1.62120809	mouse-RGL	conserved
TMEFF2	3.0358811	0.1363782	conserved	conserved
TMEM100	0.20177093	0.42316352	conserved	conserved
TMEM101	0.06538608	0.30348042	conserved	conserved
TMEM104	0.5048001	0.07993365	conserved	conserved
TMEM106A	0.13534696	0.01393515	conserved	conserved
TMEM106B	0.6095356	0.73417129	conserved	conserved
TMEM106C	0.3860287	0.79367848	conserved	conserved
TMEM107	0.07290481	0.51904981	conserved	conserved
TMEM108	0.97899136	0.12775051	conserved	conserved
TMEM109	0.03748934	0.18523879	conserved	conserved
TMEM11	0.04626528	0.53772814	conserved	conserved
TMEM114	0.02535092	0.00936848	conserved	conserved
TMEM117	1.4772585	0.00726185	monkey-NSC	monkey-NSC1-enriched
TMEM120B	0.43581017	0.06165663	conserved	conserved
TMEM123	0.05571517	0.18447608	conserved	conserved
TMEM125	0.00439375	0	conserved	conserved
TMEM128	0.06856272	0.56578421	conserved	conserved
TMEM129	0.0615994	0.23788935	conserved	conserved

TMEM130	0.09598081	0.0171479	conserved	conserved
TMEM131	2.2314779	0.34318463	monkey-NSC	conserved
TMEM132B	3.55591691	1.12658716	conserved	conserved
TMEM132C	2.79155308	0.18748008	monkey-NSC	conserved
TMEM132D	0.61485609	0	conserved	conserved
TMEM132E	0.0065121	0.0025805	conserved	conserved
TMEM135	3.4541361	0.18582948	conserved	conserved
TMEM138	0.06370416	0.3892941	conserved	conserved
TMEM143	0.26335885	0.05027639	conserved	conserved
TMEM144	0.13848253	0.1879972	conserved	conserved
TMEM145	0.01686277	0.02756558	conserved	conserved
TMEM147	0.07657763	1.68334356	conserved	conserved
TMEM150B	0.02337849	0	conserved	conserved
TMEM150C	0.31709823	0.03094804	conserved	conserved
TMEM154	0.00640276	0	conserved	conserved
TMEM156	0.05991196	0	conserved	conserved
TMEM159	0.0063683	0.10347829	conserved	conserved
TMEM161A	0.18568833	0.19961878	conserved	conserved
TMEM164	1.59684027	0.19885383	conserved	conserved
TMEM165	0.3611009	1.2093392	mouse-RGL	conserved
TMEM168	0.30109693	0.19936566	conserved	conserved
TMEM169	0.08144527	0.01595793	conserved	conserved
TMEM171	0.00550999	0.00393795	conserved	conserved
TMEM174	0	0	conserved	conserved
TMEM175	0.29342562	0.22743807	conserved	conserved
TMEM176B	0.12849576	0.30102078	conserved	conserved
TMEM178B	1.60421697	0.06258781	conserved	conserved
TMEM179	0.00195093	0.06655697	conserved	conserved
TMEM18	0.01924155	0.22365209	conserved	conserved
TMEM182	0.1079348	0	conserved	conserved
TMEM184C	0.60721491	0.78302118	conserved	conserved
TMEM186	0.02758481	0.10706063	conserved	conserved
TMEM190	0	0	conserved	conserved
TMEM192	0.46960104	0.28380224	conserved	conserved
TMEM198	0.04218342	0.07123768	conserved	conserved
TMEM199	0.04775137	0.24994739	conserved	conserved
TMEM200A	0.00324697	0.03401792	conserved	conserved
TMEM203	0.04615064	0.3135108	conserved	conserved
TMEM204	0.02983196	0	conserved	conserved
TMEM205	0.16285008	0.64970809	conserved	conserved
TMEM207	0.00218037	0	conserved	conserved

TMEM208	0.10454696	1.030296	mouse-RGL	conserved
TMEM209	0.21058688	0.15554617	conserved	conserved
TMEM210	0.0024813	0	conserved	conserved
TMEM211	0	0	conserved	conserved
TMEM212	0	0.00846737	conserved	conserved
TMEM213	0.01919057	0	conserved	conserved
TMEM215	0.00664385	0.01472645	conserved	conserved
TMEM216	0.09115888	0.36084125	conserved	conserved
TMEM217	0.03844342	0.00378266	conserved	conserved
TMEM218	0.05490614	0.41549116	conserved	conserved
TMEM220	0.42422999	0.02401796	conserved	conserved
TMEM222	0.21825855	0.77257948	conserved	conserved
TMEM225	0.01006215	0	conserved	conserved
TMEM229B	0.00845412	0.07495242	conserved	conserved
TMEM231	0.50455048	0.0873335	conserved	conserved
TMEM232	0.95861365	0.00645903	conserved	conserved
TMEM233	0.01499816	0	conserved	conserved
TMEM235	0.00170077	0	conserved	conserved
TMEM237	0.22192834	0.54720836	conserved	conserved
TMEM241	0.69437669	0.02304704	conserved	conserved
TMEM243	0.08830966	1.2212906	conserved	conserved
TMEM245	0.68502686	0.38129812	conserved	conserved
TMEM247	0	0	conserved	conserved
TMEM248	0.34771177	0.29227085	conserved	conserved
TMEM25	0.37175944	0.06314061	conserved	conserved
TMEM252	0.00066323	0	conserved	conserved
TMEM253	0	0.00223928	conserved	conserved
TMEM258	0.01576871	2.22441156	conserved	conserved
TMEM259	0.94922224	0.29145115	conserved	conserved
TMEM260	0.70703109	0.11802089	conserved	conserved
TMEM263	0.1094474	0.60066156	conserved	conserved
TMEM30A	0.36652064	1.01962362	conserved	conserved
TMEM33	0.2437982	1.05383545	mouse-RGL	conserved
TMEM37	0	0.05190948	conserved	conserved
TMEM38A	0.49795072	0.26843083	conserved	conserved
TMEM39A	0.27834174	0.15266256	conserved	conserved
TMEM39B	0.47557964	0.10614393	conserved	conserved
TMEM40	0.01758637	0.02623544	conserved	conserved
TMEM41B	0.53460339	0.47770487	conserved	conserved
TMEM43	0.1521388	0.18688775	conserved	conserved
TMEM44	0.07456602	0.17816397	conserved	conserved

TMEM50A	0.34387934	1.1868188	conserved	conserved
TMEM51	0.20036425	0.10167167	conserved	conserved
TMEM52B	0.00404982	0	conserved	conserved
TMEM53	0.30268065	0.03114881	conserved	conserved
TMEM54	0.03830327	0	conserved	conserved
TMEM59	0.38132179	2.59217436	conserved	conserved
TMEM60	0.03814162	0.97185884	mouse-RGL	conserved
TMEM61	0.00662581	0	conserved	conserved
TMEM62	0.28029281	0.07831808	conserved	conserved
TMEM63B	0.23258769	0.31441207	conserved	conserved
TMEM63C	0.18454667	0.00438835	conserved	conserved
TMEM64	0.38546797	0.11457794	conserved	conserved
TMEM67	0.61095017	0.10447465	conserved	conserved
TMEM68	0.31949827	0.31158982	conserved	conserved
TMEM70	0.1085759	0.39646194	conserved	conserved
TMEM71	0.00720571	0	conserved	conserved
TMEM72	0.00111466	0	conserved	conserved
TMEM74	0.03759837	0	conserved	conserved
TMEM74B	0.00766737	0.03153324	conserved	conserved
TMEM80	0.60807661	0.74655231	conserved	conserved
TMEM86A	0.10625794	0.06126608	conserved	conserved
TMEM87A	1.91449469	0.18354114	conserved	conserved
TMEM88	0.02267157	0.03960831	conserved	conserved
TMEM89	0.00457081	0.00963325	conserved	conserved
TMEM8B	0.18458036	0.14039254	conserved	conserved
TMEM9	0.25768253	0.86877384	conserved	conserved
TMEM92	0	0	conserved	conserved
TMEM94	1.41887043	0.14900018	conserved	conserved
TMEM95	0.0006565	0	conserved	conserved
TMEM97	0.07195597	0.26607247	conserved	conserved
TMEM98	0.03537645	0.20759663	conserved	conserved
TMF1	0.21578123	0.47799446	conserved	conserved
TMIGD1	0.00094741	0.01431494	conserved	conserved
TMIGD3	0.04208269	0	conserved	conserved
TMOD3	0.31217326	0.3532651	conserved	conserved
TMPPE	0.00120878	0.04616796	conserved	conserved
TMPRSS11A	0.00630081	0	conserved	conserved
TMPRSS11E	0.00818984	0	conserved	conserved
TMPRSS11F	0.00490978	0	conserved	conserved
TMPRSS12	0.09290506	0	conserved	conserved
TMPRSS13	0	0	conserved	conserved

TMPRSS2	0.00050179	0	conserved	conserved
TMPRSS3	0.0050998	0	conserved	conserved
TMPRSS6	0.00265859	0	conserved	conserved
TMPRSS7	0.04068786	0.02185807	conserved	conserved
TMTC1	4.78321089	0	monkey-NSC	conserved
TMTC3	0.46350738	0.0875226	conserved	conserved
TMTC4	0.68111735	0.13959227	conserved	conserved
TMUB1	0.0292567	0.23838413	conserved	conserved
TMUB2	0.15483249	0.38950263	conserved	conserved
TMX1	0.33764276	0.79575813	conserved	conserved
TMX3	0.69403605	0.46614534	conserved	conserved
TMX4	0.3844288	0.5682804	conserved	conserved
TNC	4.34110838	2.83359782	mouse-RGL	conserved
TNF	0	0	conserved	conserved
TNFAIP1	0.05145664	0.86008843	conserved	conserved
TNFAIP2	0.01198399	0	conserved	conserved
TNFAIP3	0.05224726	0.00437939	conserved	conserved
TNFAIP6	0.01722938	0.02583372	conserved	conserved
TNFAIP8L1	0.01257527	0.02511822	conserved	conserved
TNFAIP8L3	0.31036039	0	conserved	conserved
TNFRSF11A	0.01301555	0.00324993	conserved	conserved
TNFRSF11B	0.15770767	0	conserved	conserved
TNFRSF17	0.00719694	0	conserved	conserved
TNFRSF18	0.00108926	0	conserved	conserved
TNFRSF19	1.26393061	2.00572807	conserved	conserved
TNFRSF1A	0.26557583	0.15548382	conserved	conserved
TNFRSF1B	0.03424307	0	conserved	conserved
TNFRSF21	0.25748715	0.27867256	conserved	conserved
TNFRSF25	0.1430292	0.00305526	conserved	conserved
TNFRSF8	0.03091628	0.00465706	conserved	conserved
TNFRSF9	0.05548579	0.00310921	conserved	conserved
TNFSF10	0.00650268	0	conserved	conserved
TNFSF11	0.00969312	0	conserved	conserved
TNFSF13B	0.06473327	0	conserved	conserved
TNFSF14	0.00072702	0	conserved	conserved
TNFSF15	0.0018382	0	conserved	conserved
TNFSF18	0	0	conserved	conserved
TNFSF4	4.13268757	0	conserved	conserved
TNFSF8	0.0199983	0	conserved	conserved
TNIK	44.1082249	0.72471962	conserved	conserved
TNIP1	0.15864102	0.05870688	conserved	conserved

TNIP2	0.06661316	0.08744951	conserved	conserved
TNIP3	0.00992612	0	conserved	conserved
TNK1	0.0216715	0.01018295	conserved	conserved
TNK2	1.73724471	0.14306388	conserved	conserved
TNKS	2.80746852	0.07016841	conserved	conserved
TNKS1BP1	0.41449792	0.08933297	conserved	conserved
TNKS2	0.88411194	0.71933566	conserved	conserved
TNMD	0.00132138	0	conserved	conserved
TNN	0.03994582	0.00383228	conserved	conserved
TNNC1	0.00493502	0.0056897	conserved	conserved
TNNC2	0.02090902	0	conserved	conserved
TNNI1	0.00233108	0	conserved	conserved
TNNI2	0	0	conserved	conserved
TNNT2	0.02784476	0	conserved	conserved
TNNT3	0	0.13011807	conserved	conserved
TNP2	0	0	conserved	conserved
TNPO1	2.10393855	0.6060896	conserved	conserved
TNPO3	1.22613993	0.58488973	conserved	conserved
TNR	0.81817135	0.06857494	monkey-NSC	conserved
TNRC6A	4.12528719	0.78053056	conserved	conserved
TNRC6B	5.46023825	0.89932438	conserved	conserved
TNRC6C	2.46184456	0.47956729	conserved	conserved
TNS1	0.23240249	0.12061779	conserved	conserved
TNS2	0.27428972	0.02458672	conserved	conserved
TNS3	3.56244384	0.77050171	conserved	conserved
TNS4	0	0	conserved	conserved
TOB1	0.16754345	1.59383032	mouse-RGL	conserved
TOB2	0.3557142	0.31219057	conserved	conserved
TOE1	0.02579949	0.11342753	conserved	conserved
TOLLIP	0.34177379	0.34875015	conserved	conserved
TOM1	0.41463768	0.25070013	conserved	conserved
TOM1L1	0.40677953	0.31540879	conserved	conserved
TOM1L2	5.36517485	0.34306321	monkey-NSC	conserved
TOMM22	0.04569647	1.19025623	conserved	conserved
TOMM34	0.07704271	0.32169618	conserved	conserved
TOMM40	0.16675961	1.40305508	mouse-RGL	conserved
TOP1	1.33523601	2.74502116	mouse-RGL	conserved
TOP1MT	0.38863493	0.10336386	conserved	conserved
TOP2A	0.01835881	0.12326212	conserved	conserved
TOP2B	1.29723117	1.05934493	conserved	conserved
TOP3A	0.31814083	0.00941791	conserved	conserved

TOP3B	0.26888843	0.2375574	conserved	conserved
TOPAZ1	0.01361783	0	conserved	conserved
TOPBP1	0.47567321	0.27910443	conserved	conserved
TOPORS	0.17029535	0.63481814	conserved	conserved
TOR1AIP1	0.40306458	0.67956941	conserved	conserved
TOR1AIP2	0.21200012	0.74864586	conserved	conserved
TOR1B	0.1298335	0.30905747	conserved	conserved
TOR3A	0.096098	0.07314559	conserved	conserved
TOX	0.7829997	0.00722679	conserved	conserved
TOX2	0.08429027	0.03245886	conserved	conserved
TOX3	0.07480024	0.54862832	conserved	conserved
TPBG	0.01708921	1.14568958	mouse-RGL	conserved
TPCN1	6.40094848	0.94961559	monkey-NSC	conserved
TPD52L1	2.6975579	0.13531391	monkey-NSC	conserved
TPD52L2	0.91416654	1.15319418	conserved	conserved
TPGS2	0.27954011	0.41316096	conserved	conserved
TPH2	0.00716019	0.00408436	conserved	conserved
TPK1	1.07781481	0.06823098	conserved	conserved
TPMT	0.09632261	0.13334449	conserved	conserved
TPP1	0.14320637	0.4396434	conserved	conserved
TPP2	0.72337614	0.42006492	conserved	conserved
TPPP2	0.00167109	0	conserved	conserved
TPPP3	0.01525054	0.16887742	conserved	conserved
TPR	0.58712091	0.91965423	conserved	conserved
TPRA1	0.06244113	0.14810582	conserved	conserved
TPRKB	0.05701695	1.02749256	conserved	conserved
TPSG1	0	0	conserved	conserved
TPST1	0.62254348	0.35736562	conserved	conserved
TPX2	0.05083162	0.04609223	conserved	conserved
TRA2A	2.33726762	1.45777116	conserved	conserved
TRA2B	1.05445942	3.0409995	conserved	conserved
TRABD	0.32806343	0.28205779	conserved	conserved
TRABD2B	0.00366613	0	conserved	conserved
TRAF1	0.19505452	0.10893647	conserved	conserved
TRAF3	0.93031759	0.31982394	conserved	conserved
TRAF3IP1	0.40179003	0.10672496	conserved	conserved
TRAF3IP2	1.00461158	0	conserved	conserved
TRAF3IP3	0.05835885	0.0117685	conserved	conserved
TRAF4	0.31458545	0.49361059	conserved	conserved
TRAF5	0.15872883	0.02244209	conserved	conserved
TRAF6	0.17893882	0.07492075	conserved	conserved

TRAF7	0.35181668	0.49196561	conserved	conserved
TRAFD1	0.39652107	0.21485349	conserved	conserved
TRAIP	0.06258631	0.03404684	conserved	conserved
TRAK1	3.59705322	0.42726863	conserved	conserved
TRAK2	0.28479258	0.08979466	conserved	conserved
TRAM1	0.35297969	0.63760274	conserved	conserved
TRAM1L1	0.00268433	0.30853456	conserved	conserved
TRAM2	0.12199459	0.04871653	conserved	conserved
TRANK1	0.3636907	0.00829256	conserved	conserved
TRAP1	0.47170172	0.19899448	conserved	conserved
TRAPPC1	0.0554158	1.02311672	mouse-RGL	conserved
TRAPPC11	0.44817232	0.08878336	conserved	conserved
TRAPPC12	0.78492277	0.13578489	conserved	conserved
TRAPPC13	0.63773526	0.45246378	conserved	conserved
TRAPPC3	0.09965932	1.00641548	conserved	conserved
TRAPPC3L	0.02860353	0	conserved	conserved
TRAPPC6B	0.22091953	0.94096039	conserved	conserved
TRAPPC9	3.3856027	0.07647564	conserved	conserved
TRAT1	0.00133961	0	conserved	conserved
TRDN	0.0546384	0	conserved	conserved
TREH	0.12344516	0	conserved	conserved
TREM1	0	0	conserved	conserved
TREM2	0.00920256	0.01617214	conserved	conserved
TREML1	0.00504181	0	conserved	conserved
TREML2	0	0	conserved	conserved
TRH	0	0.00921066	conserved	conserved
TRHDE	0.63807888	0.01096114	conserved	conserved
TRHR	0.00643778	0.00430912	conserved	conserved
TRIB1	0.14807532	0.13467761	conserved	conserved
TRIB2	0.25796727	0.57751721	conserved	conserved
TRIB3	0.00502936	0.00440791	conserved	conserved
TRIL	0.00314321	1.04568659	conserved	conserved
TRIM10	0	0	conserved	conserved
TRIM11	0.03202584	0.15073681	conserved	conserved
TRIM13	0.3493781	0.14581569	conserved	conserved
TRIM14	0.02181836	0	conserved	conserved
TRIM15	0	0	conserved	conserved
TRIM17	0.03689707	0.01664829	conserved	conserved
TRIM21	0.00759182	0.02365364	conserved	conserved
TRIM23	0.54328984	0.21481094	conserved	conserved
TRIM24	0.71677744	0.19857074	conserved	conserved

TRIM25	0.28989823	0.03165052	conserved	conserved
TRIM26	0.15413056	0.28393949	conserved	conserved
TRIM27	0.49518926	0.45008102	conserved	conserved
TRIM28	0.11183102	0.74982313	conserved	conserved
TRIM29	0	0.01530616	conserved	conserved
TRIM3	0.14044655	0.16683534	conserved	conserved
TRIM32	0.05294757	0.61087537	conserved	conserved
TRIM33	1.61909796	0.28655788	conserved	conserved
TRIM35	0.11395665	0.80613875	conserved	conserved
TRIM36	0.20645764	0.01513026	conserved	conserved
TRIM37	1.38017684	0.53160906	conserved	conserved
TRIM38	0.0120661	0	conserved	conserved
TRIM40	0	0	conserved	conserved
TRIM41	0.25360921	0.17029625	conserved	conserved
TRIM42	0	0	conserved	conserved
TRIM44	1.94692521	0.48632055	conserved	conserved
TRIM45	0.06658231	0.08306532	conserved	conserved
TRIM46	0.06965056	0.07426144	conserved	conserved
TRIM47	0.03003068	0.21704931	conserved	conserved
TRIM50	0.00100406	0	conserved	conserved
TRIM54	0	0	conserved	conserved
TRIM55	0.00574252	0	conserved	conserved
TRIM58	1.38698854	0	conserved	conserved
TRIM62	0.1722885	0.06167475	conserved	conserved
TRIM63	0.04811815	0	conserved	conserved
TRIM65	0.25552591	0.05203991	conserved	conserved
TRIM66	0.1006951	0	conserved	conserved
TRIM67	0.03984756	0.06099584	conserved	conserved
TRIM69	0.01880071	0	conserved	conserved
TRIM7	0.01546197	0.04092736	conserved	conserved
TRIM72	0.00182128	0.00263769	conserved	conserved
TRIM8	0.80073494	0.65802502	conserved	conserved
TRIM9	10.2348836	1.06115655	conserved	conserved
TRIML1	0	0	conserved	conserved
TRIML2	0	0	conserved	conserved
TRIP10	0.09588857	0.06703211	conserved	conserved
TRIP11	1.05030754	0.34266516	conserved	conserved
TRIP12	2.56739994	0.44340843	conserved	conserved
TRIP13	0.00633255	0.02051012	conserved	conserved
TRIT1	0.34962132	0.15074029	conserved	conserved
TRMO	0.25429509	0.04528706	conserved	conserved

TRMT1	0.13331366	0.38763999	conserved	conserved
TRMT10B	0.48617488	0.15006465	conserved	conserved
TRMT11	0.3356388	0.11114328	conserved	conserved
TRMT13	0.33560363	0.21683442	conserved	conserved
TRMT1L	0.35439737	0.47598154	conserved	conserved
TRMT2A	0.20066656	0.35355208	conserved	conserved
TRMT2B	0.09439894	0.09831985	conserved	conserved
TRMT5	0.0504847	0.01239587	conserved	conserved
TRMT6	0.09327038	0.57162877	conserved	conserved
TRMT61A	0.01552034	0.16682414	conserved	conserved
TRMU	0.4595248	0.23634944	conserved	conserved
TRNAU1AP	0.48693611	1.13893923	conserved	conserved
TRNT1	0.17975519	0.41548856	conserved	conserved
TRO	0.02577395	0.16275173	conserved	conserved
TROAP	0.00247593	0.00288001	conserved	conserved
TRPA1	0.00472967	0	conserved	conserved
TRPC1	1.65171601	0.22908098	conserved	conserved
TRPC3	0.032301	0	conserved	conserved
TRPC4	0.30284002	0.00678642	conserved	conserved
TRPC4AP	1.67452151	0.56700021	conserved	conserved
TRPC5	0.4904369	0.0050242	conserved	conserved
TRPC6	0.23857624	0	conserved	conserved
TRPC7	0.02122537	0.01906172	conserved	conserved
TRPM1	0.19109437	0.01607043	conserved	conserved
TRPM2	0.05597582	0	conserved	conserved
TRPM3	12.995496	0.01911801	monkey-NSC	conserved
TRPM5	0	0.00250653	conserved	conserved
TRPM6	0.1249383	0.01303712	conserved	conserved
TRPM7	1.69885555	0.47926836	conserved	conserved
TRPM8	0.02427056	0	conserved	conserved
TRPS1	12.2775102	1.40735144	conserved	conserved
TRPT1	0.06698694	0.15673685	conserved	conserved
TRPV1	0.05257463	0	conserved	conserved
TRPV2	0.0472642	0	conserved	conserved
TRPV3	0.32752956	0.00180907	conserved	conserved
TRPV4	0.00366173	0.0036258	conserved	conserved
TRRAP	1.52284872	0.31914899	monkey-NSC	conserved
TRUB1	0.18323875	0.18521972	conserved	conserved
TRUB2	0.47347663	0.35305413	conserved	conserved
TSACC	0.05674907	0.26465044	conserved	conserved
TSC1	0.25415509	0.32068249	conserved	conserved

TSC2	0.93852566	0.21177169	conserved	conserved
TSC22D1	3.76243915	4.31700682	conserved	conserved
TSC22D3	0.19900571	1.13171049	conserved	conserved
TSC22D4	0.9892991	4.4771628	conserved	conserved
TSEN2	0.74773758	0.147166	conserved	conserved
TSEN34	0.04788436	2.17486996	mouse-RGL	conserved
TSEN54	0.38450629	0.08882279	conserved	conserved
TSFM	0.17514507	0.38156446	conserved	conserved
TSG101	1.00551045	0.86582938	conserved	conserved
TSGA10	0.39288527	0.12168576	conserved	conserved
TSGA13	0.01500896	0	conserved	conserved
TSHB	0	0	conserved	conserved
TSHR	0.07407796	0.02459997	conserved	conserved
TSHZ1	0.83495303	0.55756193	conserved	conserved
TSHZ2	0.39889016	0.75459014	conserved	conserved
TSHZ3	0.23675967	0.17367884	conserved	conserved
TSKS	0.01294071	0	conserved	conserved
TSKU	0.00340162	0.05398662	conserved	conserved
TSN	0.18102943	2.71577371	conserved	conserved
TSNAXIP1	0.07787159	0	conserved	conserved
TSPAN1	0.01519602	0	conserved	conserved
TSPAN10	0.0563154	0	conserved	conserved
TSPAN11	0.13938944	0.02204169	conserved	conserved
TSPAN12	0.11751375	1.00558943	conserved	conserved
TSPAN14	0.29231327	0.09790686	conserved	conserved
TSPAN15	0.30123416	1.00650455	conserved	conserved
TSPAN17	0.06264775	0.10635163	conserved	conserved
TSPAN18	0.31615635	0.34340103	conserved	conserved
TSPAN2	0.03133964	0.0408543	conserved	conserved
TSPAN3	0.67870523	5.25727011	mouse-RGL	conserved
TSPAN31	0.09685068	0.9318217	conserved	conserved
TSPAN33	0.26327753	0.50745328	conserved	conserved
TSPAN4	0.08820633	0.07251902	conserved	conserved
TSPAN5	4.69813923	0.64253298	conserved	conserved
TSPAN6	0.03310541	0.89751505	mouse-RGL	conserved
TSPAN8	0.02231383	0	conserved	conserved
TSPEAR	0.18328348	0	conserved	conserved
TSPO	0.06868627	0.22806996	conserved	conserved
TSPO2	0	0	conserved	conserved
TSPYL5	0.05037896	0.07288442	conserved	conserved
TSR1	0.1057024	0.12626692	conserved	conserved

TSR3	0.0232644	0.427073	conserved	conserved
TSSC4	0.4071535	0.70395041	conserved	conserved
TSSK4	0.03036153	0.01679547	conserved	conserved
TST	0.23231415	2.90991383	mouse-RGL	conserved
TSTD1	0.01922562	0.00926035	conserved	conserved
TSTD2	0.30418484	0.18664663	conserved	conserved
TTBK2	1.88158568	0.25136021	conserved	conserved
TTC1	0.60800217	0.73331253	conserved	conserved
TTC12	0.40383643	0.08454112	conserved	conserved
TTC13	1.36055736	0.17595844	conserved	conserved
TTC16	0.1764777	0.00634739	conserved	conserved
TTC17	2.48139525	0.08368297	conserved	conserved
TTC19	1.4148346	0.57806483	conserved	conserved
TTC21A	0.29429628	0.00580962	conserved	conserved
TTC21B	1.06437895	0.07208829	conserved	conserved
TTC22	0.00214133	0.00387386	conserved	conserved
TTC23	0.88896386	0.18532104	conserved	conserved
TTC23L	2.07699526	0	monkey-NSC	conserved
TTC24	0.045438	0.00366718	conserved	conserved
TTC26	0.39441214	0.05519513	conserved	conserved
TTC27	0.69127791	0.0780155	conserved	conserved
TTC28	7.93035786	1.5261172	conserved	conserved
TTC29	0.02590253	0	conserved	conserved
TTC37	1.76393736	0.04298681	conserved	conserved
TTC38	0.07502167	0.13071235	conserved	conserved
TTC39A	0.0132623	0.00337361	conserved	conserved
TTC39B	0.20644458	0.15350003	conserved	conserved
TTC39C	0.72412727	0.08444353	conserved	conserved
TTC4	0.26412122	0.42870213	conserved	conserved
TTC5	0.16857251	0.44907823	conserved	conserved
TTC7B	3.44969428	0.08593376	monkey-NSC	conserved
TTC8	0.60587759	0.3126384	conserved	conserved
TTC9B	0.04514104	0.4652193	conserved	conserved
TTC9C	0.11594208	0.22779881	conserved	conserved
TTF1	0.94828598	0.22282129	conserved	conserved
TTI1	0.29489682	0.0700301	conserved	conserved
TTK	0.0097629	0.0170876	conserved	conserved
TTLL1	0.06801546	0.17507754	conserved	conserved
TTLL10	0.01604278	0	conserved	conserved
TTLL11	1.44113282	0.01404425	monkey-NSC	conserved
TTLL12	0.09142072	0.13304439	conserved	conserved

TTLL2	0	0.00371059	conserved	conserved
TTLL4	0.77271163	0.05455804	conserved	conserved
TTLL6	0.01758908	0	conserved	conserved
TTLL7	1.11332188	0.07434635	conserved	conserved
TTLL8	0.00244371	0.0108152	conserved	conserved
TTLL9	0.13205738	0.01785011	conserved	conserved
TTPA	0.06153802	0.0273344	conserved	conserved
TTPAL	0.09757949	0.12411042	conserved	conserved
TTYH2	1.90565076	0.25394894	conserved	conserved
TUB	0.39972382	0.04445741	conserved	conserved
TUBA4A	0.21090039	0.08490781	conserved	conserved
TUBA8	0.05038476	0	conserved	conserved
TUBAL3	0	0	conserved	conserved
TUBB1	0.01833585	0	conserved	conserved
TUBB2B	1.28392616	8.8692455	conserved	conserved
TUBB4A	0.29439545	0.29775527	conserved	conserved
TUBD1	0.2961637	0.07499652	conserved	conserved
TUBE1	0.06227087	0.02617473	conserved	conserved
TUBG1	0.54509172	0.29260838	conserved	conserved
TUBGCP2	0.39499302	0.23383061	conserved	conserved
TUBGCP3	0.49940813	0.14481882	conserved	conserved
TUBGCP4	0.25085946	0.24598637	conserved	conserved
TUBGCP5	0.69514036	0.18845776	conserved	conserved
TUFM	0.14436939	0.14053606	conserved	conserved
TUFT1	0.31384714	0.01259076	conserved	conserved
TULP1	0	0.01155686	conserved	conserved
TULP2	0.00840239	0.00422117	conserved	conserved
TULP3	1.91176637	0.41100889	conserved	conserved
TULP4	1.12212283	0.66519034	conserved	conserved
TUSC3	0.82813145	0.7671838	conserved	conserved
TVP23A	0.20050468	0.21508659	conserved	conserved
TWF1	0.13654297	0.8948729	conserved	conserved
TWF2	0.03110505	0.32360546	conserved	conserved
TXLNA	0.26340568	0.40986277	conserved	conserved
TXLNG	0.62467605	0.11434497	conserved	conserved
TXNDC11	0.63699129	0.20454617	conserved	conserved
TXNDC16	0.52135498	0.21747287	conserved	conserved
TXNDC17	0.00891307	1.3297669	mouse-RGL	conserved
TXNDC8	0.01213308	0	conserved	conserved
TXNDC9	0.13603335	1.03214252	conserved	conserved
TXNIP	1.22649249	0.15133753	conserved	conserved

TXNL4A	0.26062219	1.37471228	mouse-RGL	conserved
TXNRD1	0.69427072	0.53464682	conserved	conserved
TXNRD2	1.24717752	0.13794344	monkey-NSC	conserved
TXNRD3	0.2649223	0.08188244	conserved	conserved
TYK2	0.54930301	0.0205286	conserved	conserved
TYMS	0.01890613	0.2604625	conserved	conserved
TYR	0.05273089	0	conserved	conserved
TYRO3	0.34367952	0.08535928	conserved	conserved
TYSND1	0.07346964	0.23256593	conserved	conserved
TYW3	0.25098459	0.06616058	conserved	conserved
TYW5	0.35947167	0.15662723	conserved	conserved
U2AF2	0.06795453	0.77328309	conserved	conserved
U2SURP	1.29510428	1.15728394	conserved	conserved
UACA	0.68584717	0.17399814	conserved	conserved
UAP1	0.15221275	0.39262679	conserved	conserved
UBA1	0.47060485	0.8660469	conserved	conserved
UBA2	0.59395547	0.48234377	conserved	conserved
UBA3	0.72630293	0.50283296	conserved	conserved
UBA5	0.22132402	0.80364902	conserved	conserved
UBA52	0.22173115	3.87921351	conserved	conserved
UBA6	0.54610524	0.15394548	conserved	conserved
UBA7	0.11352716	0.0204021	conserved	conserved
UBAC2	0.98523021	0.65917359	conserved	conserved
UBALD1	0.05384156	0.30086917	conserved	conserved
UBALD2	0.14652853	1.14586782	conserved	conserved
UBAP1	1.38843749	0.30677086	conserved	conserved
UBAP2L	0.78796369	0.92005809	conserved	conserved
UBASH3A	0.0071404	0	conserved	conserved
UBASH3B	0.23768819	0.05556987	conserved	conserved
UBD	0	0	conserved	conserved
UBE2A	0.19957703	0.95762905	mouse-RGL	conserved
UBE2D1	0.24448611	0.74042909	conserved	conserved
UBE2E1	1.01049105	1.45867241	conserved	conserved
UBE2E2	5.58832579	0.57742251	conserved	conserved
UBE2E3	1.27882156	1.89212476	conserved	conserved
UBE2G1	1.0384838	0.83752304	conserved	conserved
UBE2G2	0.37530409	0.47959973	conserved	conserved
UBE2H	1.57837629	0.57290171	conserved	conserved
UBE2I	0.36653539	1.78368556	mouse-RGL	conserved
UBE2J1	0.17874098	0.38783096	conserved	conserved
UBE2K	2.47823063	1.54721041	conserved	conserved

UBE2L6	0.11602172	0.10237644	conserved	conserved
UBE2N	0.48782406	3.27691848	mouse-RGL	conserved
UBE2O	0.77412262	0.18952781	conserved	conserved
UBE2Q1	0.13541118	0.25806352	conserved	conserved
UBE2T	0.02931193	0.02584916	conserved	conserved
UBE2U	0.00318249	0	conserved	conserved
UBE3A	1.70570512	1.69010984	conserved	conserved
UBE3B	0.41971034	0.15956165	conserved	conserved
UBE3C	1.96353673	0.30163088	conserved	conserved
UBE4A	0.39250922	0.33233122	conserved	conserved
UBFD1	0.09531947	0.38315604	conserved	conserved
UBIAD1	0.11798319	0.13921695	conserved	conserved
UBL3	0.90427308	0.98836441	conserved	conserved
UBL4A	0.07274793	0.55237676	conserved	conserved
UBLCP1	0.12193395	0.25366414	conserved	conserved
UBN1	0.48792061	0.29541849	conserved	conserved
UBN2	1.20692845	0.88059646	conserved	conserved
UBOX5	0.62156033	0.06449926	conserved	conserved
UBP1	0.77702285	0.25835583	conserved	conserved
UBR1	2.54475296	0.27886329	conserved	conserved
UBR2	2.52510592	0.31024249	conserved	conserved
UBR4	1.20833344	0.27257878	conserved	conserved
UBR5	4.99676985	0.62850951	conserved	conserved
UBR7	0.40903413	0.42306859	conserved	conserved
UBTD2	0.57388167	0.04579543	conserved	conserved
UBTF	0.35059119	0.63640503	conserved	conserved
UBXN1	0.14974922	1.62986061	mouse-RGL	conserved
UBXN11	0.07801594	0.10393527	conserved	conserved
UBXN2A	0.44220899	0.62351733	conserved	conserved
UBXN2B	0.5268841	0.32522715	conserved	conserved
UBXN4	0.89853312	1.48403613	conserved	conserved
UBXN6	0.34712915	0.77858987	conserved	conserved
UBXN7	1.60054797	0.3036855	conserved	conserved
UBXN8	0.09550219	0.10873438	conserved	conserved
UCHL5	0.28488919	0.35289173	conserved	conserved
UCK1	0.08477678	0.41315505	conserved	conserved
UCK2	0.31019479	0.10864091	conserved	conserved
UCKL1	1.01603844	0.17518158	conserved	conserved
UCMA	0.00222384	0	conserved	conserved
UCP1	0.00070428	0	conserved	conserved
UCP2	0.01484944	0.37877717	conserved	conserved

UCP3	0.01214547	0	conserved	conserved
UFL1	0.37896951	0.28844246	conserved	conserved
UFM1	0.12121334	0.88266575	conserved	conserved
UFSP2	0.39449531	0.46366032	conserved	conserved
UGCG	0.27880135	0.17326828	conserved	conserved
UGDH	0.1174717	0.43547693	conserved	conserved
UGGT1	0.63843599	0.17627647	conserved	conserved
UGGT2	0.66961841	0.12307691	conserved	conserved
UGP2	1.74615296	1.26044485	conserved	conserved
UHMK1	0.29607174	0.15186368	conserved	conserved
UHRF1	0.05396576	0.23635755	conserved	conserved
UHRF1BP1	0.63556587	0.05777066	conserved	conserved
UIMC1	1.19561611	0.16211055	conserved	conserved
ULK2	1.37309059	0.32883924	conserved	conserved
ULK4	1.65057143	0.09617474	conserved	conserved
UMOD	0.00200274	0	conserved	conserved
UMODL1	0.01869393	0	conserved	conserved
UMPS	0.13319826	0.24157899	conserved	conserved
UNC119	0.07895833	0.95748393	conserved	conserved
UNC13A	0.0998556	0.1306376	conserved	conserved
UNC13C	1.20523017	0.01973288	monkey-NSC	conserved
UNC13D	0.02878942	0.03591577	conserved	conserved
UNC45A	0.17218818	0.18932677	conserved	conserved
UNC45B	0.00359821	0.00960704	conserved	conserved
UNC50	0.21635719	1.04392157	mouse-RGL	conserved
UNC5A	0.04791051	0.02533655	conserved	conserved
UNC5B	0.02354713	0.0588781	conserved	conserved
UNC5C	5.42638563	0.04225123	monkey-NSC	conserved
UNC5CL	0	0	conserved	conserved
UNC5D	14.5849686	0.03142001	monkey-NSC	conserved
UNC79	2.36058887	0.04731389	monkey-NSC	conserved
UNC80	2.20246485	0.05210115	monkey-NSC	conserved
UNC93B1	0.02112821	0.02076451	conserved	conserved
UNG	0.22731592	0.40945081	conserved	conserved
UNK	0.81619428	0.17290745	conserved	conserved
UPB1	0.0021946	0.00993381	conserved	conserved
UPF2	1.18869046	0.42673012	conserved	conserved
UPF3A	0.82904006	0.30433344	conserved	conserved
UPF3B	0.32466006	0.79002552	conserved	conserved
UPK1A	0.00538568	0	conserved	conserved
UPK3A	0.00272859	0.00358935	conserved	conserved

UPK3B	0.01080493	0	conserved	conserved
UPP1	0.00266323	0.08115234	conserved	conserved
UPP2	0.07977151	0.07865583	conserved	conserved
UPRT	0.1015373	0	conserved	conserved
UQCC1	1.36420407	0.1808433	conserved	conserved
UQCRC1	0.31552054	1.64042332	conserved	conserved
URB1	0.33425284	0.06685301	conserved	conserved
URB2	0.11953494	0.01551439	conserved	conserved
URGCP	1.21927696	0.17572626	conserved	conserved
URI1	1.13587564	0.6461904	conserved	conserved
URM1	0.19160727	0.587918	conserved	conserved
UROC1	0.00559771	0	conserved	conserved
UROD	0.07069714	0.27607912	conserved	conserved
UROS	0.23857529	0.14859247	conserved	conserved
USB1	0.08950157	0.1376763	conserved	conserved
USF1	0.03758886	0.69670963	conserved	conserved
USH1C	0.06471535	0	conserved	conserved
USH2A	0.06962743	0	conserved	conserved
USHBP1	0.00786827	0	conserved	conserved
USO1	1.09761289	0.36431691	conserved	conserved
USP1	0.14841756	0.6090608	conserved	conserved
USP11	0.61095854	0.19735268	conserved	conserved
USP13	0.56598668	0.01546257	conserved	conserved
USP14	0.98456241	0.5410191	conserved	conserved
USP15	1.48881781	0.11683764	conserved	conserved
USP16	0.27291212	0.29855625	conserved	conserved
USP19	0.16633362	0.33540125	conserved	conserved
USP2	0.23021506	0.30279917	conserved	conserved
USP20	0.82194567	0.12795538	conserved	conserved
USP21	0.01875246	0.24196882	conserved	conserved
USP22	2.08391298	1.13265496	conserved	conserved
USP24	2.31107518	0.31177986	conserved	conserved
USP25	2.17685673	0.25160096	conserved	conserved
USP28	0.79602877	0.04447239	conserved	conserved
USP3	0.78886251	0.61666448	conserved	conserved
USP30	0.3376488	0.10946863	conserved	conserved
USP31	0.3771967	0.0632706	conserved	conserved
USP33	1.47922205	0.23596294	monkey-NSC	conserved
USP34	5.4930739	0.72477035	conserved	conserved
USP35	0.18021269	0.11638809	conserved	conserved
USP36	0.75442751	0.23414256	conserved	conserved

USP37	0.95414358	0.34642268	conserved	conserved
USP38	0.24264212	0.16085635	conserved	conserved
USP39	0.20053225	0.15141518	conserved	conserved
USP4	0.89637321	0.37382339	conserved	conserved
USP40	1.76873002	0.30248656	conserved	conserved
USP43	0.08019937	0.00643108	conserved	conserved
USP44	0.25864596	0	conserved	conserved
USP45	0.51465719	0.06351502	conserved	conserved
USP46	1.56892729	0.27350785	conserved	conserved
USP47	2.44842597	0.33067044	conserved	conserved
USP48	1.29105584	0.27666842	conserved	conserved
USP49	0.14764298	0.06063305	conserved	conserved
USP5	0.2199424	0.35210592	conserved	conserved
USP50	0.02218852	0.78881151	conserved	conserved
USP51	0.07691013	0.0924724	conserved	conserved
USP53	0.79819448	0.21446811	conserved	conserved
USP54	5.6358986	0.14519514	monkey-NSC	conserved
USP7	0.30618361	0.36974195	conserved	conserved
USP8	0.65646842	0.40976202	conserved	conserved
USPL1	0.2579954	0.17259012	conserved	conserved
UST	1.89070883	0.02586598	conserved	conserved
UTP15	0.04818504	0.11911252	conserved	conserved
UTP18	0.22689808	0.3448469	conserved	conserved
UTP20	0.47692822	0.11739238	conserved	conserved
UTP23	0.23578093	0.23394369	conserved	conserved
UTP6	0.42877477	0.17747425	conserved	conserved
UTRN	2.28324218	0.15853436	conserved	conserved
UTS2	0.05960947	0	conserved	conserved
UTS2B	0.0102408	0	conserved	conserved
UVRAG	2.06529721	0.11637859	conserved	conserved
UXS1	0.57918113	0.33258217	conserved	conserved
VAC14	0.89462419	0.14341927	conserved	conserved
VAMP1	0.1107476	0.06418566	conserved	conserved
VAMP3	0.16211068	0.8370767	conserved	conserved
VAMP4	0.23013407	0.61845973	conserved	conserved
VAMP5	0.09911744	0.05809064	conserved	conserved
VAMP8	0.00391524	0.5423789	conserved	conserved
VANGL1	0.05390891	0.13389074	conserved	conserved
VANGL2	0.51034202	0.52818847	conserved	conserved
VAPA	0.39750735	3.48081273	mouse-RGL	conserved
VARS2	0.25086639	0.0581285	conserved	conserved

VASH1	0.28631782	0.01854255	conserved	conserved
VASH2	0.04776026	0.08672279	conserved	conserved
VASP	0.14840087	0.38930526	conserved	conserved
VAT1	0.06676513	0.10975911	conserved	conserved
VAT1L	2.43644392	0.13413065	conserved	conserved
VAV1	0.02084259	0.00357637	conserved	conserved
VAV2	1.46473238	0.06188383	monkey-NSC	conserved
VAV3	2.08041551	0.00988764	monkey-NSC	conserved
VAX2	0.04643423	0	conserved	conserved
VCAM1	0.00840692	1.14622233	conserved	conserved
VCAN	1.20371243	1.28028111	mouse-RGL	conserved
VCP	0.39227602	1.27244987	conserved	conserved
VCPIP1	0.15143856	0.35197417	conserved	conserved
VCPKMT	0.17709564	0.18751642	conserved	conserved
VDAC2	0.36758055	2.07191598	conserved	conserved
VDAC3	0.39129554	1.93022838	mouse-RGL	conserved
VDR	0.00284613	0.00653431	conserved	conserved
VEGFB	0.42673998	0.33235739	conserved	conserved
VEGFC	0.00925175	0.13783296	conserved	conserved
VEPH1	0.16630103	0.81049491	mouse-RGL	conserved
VEZT	1.38024508	0.35720302	conserved	conserved
VGF	0.0210847	0.02423545	conserved	conserved
VGLL3	0.02186795	0	conserved	conserved
VGLL4	2.83060092	1.26427131	conserved	conserved
VIL1	0.0299554	0	conserved	conserved
VILL	0.07392921	0	conserved	conserved
VIM	0.21506702	4.84583233	mouse-RGL	conserved
VIP	0.01597145	0.00553313	conserved	conserved
VIPAS39	0.38297267	0.3116998	conserved	conserved
VIPR1	0.02537321	0	conserved	conserved
VIPR2	0.02786117	0.00343136	conserved	conserved
VIT	0.98504707	0.11451924	conserved	conserved
VLDLR	0.0919362	0.44125423	conserved	conserved
VMO1	0.01471956	0.00330084	conserved	conserved
VNN1	0.00090517	0.15727494	conserved	conserved
VPREB3	0	0	conserved	conserved
VPS11	0.27079398	0.15208921	conserved	conserved
VPS13A	1.372148	0.10788014	conserved	conserved
VPS13B	5.35258366	0.12157204	monkey-NSC	conserved
VPS13C	2.54164934	0.04815328	conserved	conserved
VPS13D	2.2756211	0.19081765	conserved	conserved

VPS16	0.17726348	0.17191173	conserved	conserved
VPS18	0.08325243	0.10908248	conserved	conserved
VPS25	0.07059543	0.06231161	conserved	conserved
VPS26A	0.49864085	0.40734834	conserved	conserved
VPS26B	0.10941804	0.4006658	conserved	conserved
VPS29	0.24164184	1.44861856	mouse-RGL	conserved
VPS36	0.62020864	0.59687461	conserved	conserved
VPS37A	0.30001919	0.51376275	conserved	conserved
VPS37B	0.5740699	1.36506638	conserved	conserved
VPS37D	0.04872801	0.10126009	conserved	conserved
VPS39	1.12846099	0.18164256	conserved	conserved
VPS41	1.00489652	0.24432201	conserved	conserved
VPS45	0.90030884	0.22399117	conserved	conserved
VPS4B	0.3882127	0.36540974	conserved	conserved
VPS50	1.00770237	0.46913975	conserved	conserved
VPS53	1.59132514	0.20694542	conserved	conserved
VPS54	2.29574094	0.11819458	conserved	conserved
VPS8	1.78568066	0.14649505	conserved	conserved
VPS9D1	0.15957236	0.19048345	conserved	conserved
VRK1	0.29436901	0.16284911	conserved	conserved
VRK2	0.52030986	0.10488671	conserved	conserved
VRK3	0.34542999	0.44885121	conserved	conserved
VRTN	0	0	conserved	conserved
VSIG1	0.02457763	0	conserved	conserved
VSIG10	0.10697472	0.01991815	conserved	conserved
VSIG4	0.00515658	0	conserved	conserved
VSIG8	0.02741184	0	conserved	conserved
VSIR	0.4014509	0	conserved	conserved
VSNL1	0.41699886	0.07557167	conserved	conserved
VSTM2A	0.12513543	0.17829444	conserved	conserved
VSTM2B	0.03142975	0.0351367	conserved	conserved
VSTM2L	0.27217581	0.05475387	conserved	conserved
VSTM4	0.11083377	0.03977005	conserved	conserved
VSX2	0.01122069	0	conserved	conserved
VTA1	0.864046	0.55992161	conserved	conserved
VTCN1	0.01817443	0	conserved	conserved
VTI1B	0.31310448	0.86455386	conserved	conserved
VWA2	0.00880054	0	conserved	conserved
VWA3A	0.24953967	0.00683394	conserved	conserved
VWA3B	0.22317143	0.00759574	conserved	conserved
VWA5B1	0.0189999	0	conserved	conserved

VWA5B2	0.03604341	0.00296916	conserved	conserved
VWA7	0.00667728	0.00501501	conserved	conserved
VWA8	1.90761414	0.06796272	monkey-NSC	conserved
VWC2	0.18755103	0.01996798	conserved	conserved
VWC2L	0.17586785	0.0025805	conserved	conserved
VWF	0.14910665	0.0028576	conserved	conserved
WAC	2.64494882	1.22648154	conserved	conserved
WAPL	1.19748057	0.51523378	conserved	conserved
WARS2	0.47179025	0.08302609	conserved	conserved
WAS	0.04066128	0.00396223	conserved	conserved
WASF1	0.84640863	0.33575306	conserved	conserved
WASF2	0.63212561	0.52295485	conserved	conserved
WASF3	2.23294234	0.34247574	conserved	conserved
WASL	0.96351878	0.50734835	conserved	conserved
WBP1	0.30047661	1.09738738	conserved	conserved
WBP2	0.45953863	1.07110012	conserved	conserved
WBP2NL	0.0772432	0	conserved	conserved
WBP4	0.60552089	1.19771577	conserved	conserved
WDFY2	3.36744832	0.00121328	conserved	conserved
WDFY3	6.41709722	0.32615634	monkey-NSC	conserved
WDFY4	0.02229634	0	conserved	conserved
WDHD1	0.1007209	0.09273311	conserved	conserved
WDPCP	3.72026092	0.06008991	conserved	conserved
WDR1	0.21818009	1.43738563	mouse-RGL	conserved
WDR11	0.70082885	0.10183026	conserved	conserved
WDR13	0.28390073	0.35085834	conserved	conserved
WDR17	0.69058474	0.02543179	conserved	conserved
WDR19	0.70815314	0.11504117	conserved	conserved
WDR24	0.11060815	0.09101451	conserved	conserved
WDR25	0.39046564	0.0133853	conserved	conserved
WDR26	0.69513416	0.83326931	conserved	conserved
WDR27	0.83561319	0	conserved	conserved
WDR3	0.27876764	0.10227116	conserved	conserved
WDR31	0.14498552	0.10806812	conserved	conserved
WDR33	1.7827142	0.29844585	conserved	conserved
WDR35	0.78464829	0.26054512	conserved	conserved
WDR36	0.3385184	0.11919844	conserved	conserved
WDR37	1.26282543	0.31938116	conserved	conserved
WDR38	0.00544878	0.0251425	conserved	conserved
WDR4	0.10249244	0.09142296	conserved	conserved
WDR41	0.78518956	0.21793467	conserved	conserved

WDR43	0.61528225	0.53530613	conserved	conserved
WDR44	0.52832924	0.04538385	conserved	conserved
WDR46	0.18167768	0.18040746	conserved	conserved
WDR47	0.53181496	0.21545153	conserved	conserved
WDR48	0.53526734	0.17873311	conserved	conserved
WDR5	0.40372044	0.23361579	conserved	conserved
WDR53	0.06788917	0.12484403	conserved	conserved
WDR54	0.23721552	0.05782843	conserved	conserved
WDR59	1.20335752	0.0682146	conserved	conserved
WDR6	0.19413757	0.5187202	conserved	conserved
WDR61	0.21846622	1.08376672	conserved	conserved
WDR62	0.04432738	0.01070037	conserved	conserved
WDR64	0.074098	0	conserved	conserved
WDR7	2.93727576	0.21969927	conserved	conserved
WDR70	3.55617259	0.19225064	conserved	conserved
WDR72	0.05722048	0	conserved	conserved
WDR73	0.21495038	0.17976435	conserved	conserved
WDR74	0.17009961	0.28143154	conserved	conserved
WDR75	0.37827613	0.16623672	conserved	conserved
WDR76	0.0321837	0.07184621	conserved	conserved
WDR89	0.07654636	1.35684812	conserved	conserved
WDR91	0.16839938	0.1894268	conserved	conserved
WDR92	0.23043323	0.09623069	conserved	conserved
WDSUB1	0.7608401	0.19439429	conserved	conserved
WDTC1	0.567139	0.31640387	conserved	conserved
WEE1	0.04165904	0.0338703	conserved	conserved
WEE2	0.01654783	0	conserved	conserved
WFDC1	0.02939699	0.00590822	conserved	conserved
WFDC2	0.00591081	0	conserved	conserved
WFDC5	0	0	conserved	conserved
WFIKKN2	0.0107894	0.01896195	conserved	conserved
WFS1	0.43922886	0.08677584	conserved	conserved
WHAMM	0.38589762	0.22854332	conserved	conserved
WHRN	0.20076687	0.11908504	conserved	conserved
WIF1	4.06912016	0.03486214	monkey-NSC	conserved
WIPF1	0.48674612	0.06112948	conserved	conserved
WIPF2	2.35427372	0.19740043	monkey-NSC	conserved
WIPF3	0.15884445	0.10531593	conserved	conserved
WIPI1	0.18876976	0.62804787	conserved	conserved
WIPI2	0.4214621	0.66058746	conserved	conserved
WLS	1.85516847	0.17940543	monkey-NSC	conserved

WNK1	3.07878581	0.98167883	conserved	conserved
WNK3	0.79326458	0.0781975	conserved	conserved
WNT1	0.00135835	0	conserved	conserved
WNT11	0.00167741	0	conserved	conserved
WNT16	0.00566517	0	conserved	conserved
WNT2	0.00404319	0	conserved	conserved
WNT2B	0.14053636	0	conserved	conserved
WNT3	0.12928144	0.02617096	conserved	conserved
WNT5A	0.00714048	0.28421225	conserved	conserved
WNT7A	0.33777227	0.28370615	conserved	conserved
WNT7B	0.09323311	0.71927184	conserved	conserved
WNT8A	0.00822439	0	conserved	conserved
WNT8B	0.00215284	0.55233777	conserved	conserved
WNT9A	0.09523345	0.01538438	conserved	conserved
WNT9B	0	0	conserved	conserved
WRAP53	0.23773898	0.13023785	conserved	conserved
WRN	2.32837946	0.1006564	conserved	conserved
WRNIP1	0.28818424	0.19481617	conserved	conserved
WSB1	2.67930586	1.1030832	conserved	conserved
WSCD1	0.63338399	0.9532094	conserved	conserved
WSCD2	0.10394089	0.25335826	conserved	conserved
WT1	0	0	conserved	conserved
WWC1	4.18402378	0.33458355	monkey-NSC	conserved
WWC2	1.10410129	0.10855661	conserved	conserved
WWOX	17.1592942	0.20267906	conserved	conserved
WWP2	0.55254838	0.11807593	conserved	conserved
WWTR1	0.4657148	0.42697944	conserved	conserved
XAB2	0.02882984	0.10264711	conserved	conserved
XAF1	0.03252919	0.05255204	conserved	conserved
XCR1	0	0	conserved	conserved
XDH	0.01155286	0	conserved	conserved
XIAP	0.83533284	0.41581196	conserved	conserved
XIRP2	0.23695225	0	conserved	conserved
XK	0.02926043	0.05345609	conserved	conserved
XKR4	2.00238864	0.00405985	conserved	conserved
XKR5	0.08437854	0	conserved	conserved
XKR9	0.01057928	0	conserved	conserved
XKRX	0.04731238	0.01160546	conserved	conserved
XPA	0.57839875	0.47494102	conserved	conserved
XPC	0.46809736	0.12450762	conserved	conserved
XPNPEP1	0.76509157	0.50954496	conserved	conserved

XPNPEP2	0.00410534	0	conserved	conserved
XPNPEP3	0.72859392	0.07422913	conserved	conserved
XPO1	1.73895936	0.42922231	conserved	conserved
XPO4	0.85080182	0.26925	conserved	conserved
XPO5	0.64479128	0.00825773	conserved	conserved
XPO6	1.29131997	0.36334804	conserved	conserved
XPO7	0.74728904	0.31329739	conserved	conserved
XPOT	0.34803873	0.37045763	conserved	conserved
XPR1	3.22861027	0.84724133	monkey-NSC	conserved
XRCC1	0.09731777	0.20237209	conserved	conserved
XRCC2	0.05728701	0.05894285	conserved	conserved
XRCC5	1.54009068	0.41638694	conserved	conserved
XRN1	1.79323846	0.25136452	conserved	conserved
XRN2	0.64683705	0.70215178	conserved	conserved
XRRA1	0.11082506	0.00971364	conserved	conserved
XXYLT1	0.53824185	0.02618507	conserved	conserved
XYLB	0.35607937	0.0200565	conserved	conserved
XYLT1	4.81158138	0.43483076	monkey-NSC	conserved
YAF2	2.1646565	1.0315474	conserved	conserved
YAP1	1.67266264	0.37096375	conserved	conserved
YARS2	0.08240722	0.10237488	conserved	conserved
YBX3	0.10616208	0.4754705	conserved	conserved
YEATS2	1.11985921	0.33373731	conserved	conserved
YEATS4	0.08237893	1.04055963	mouse-RGL	conserved
YES1	0.25102696	0.32229186	conserved	conserved
YIF1A	0.07656427	0.93008565	conserved	conserved
YIF1B	0.14384172	0.47535791	conserved	conserved
YIPF3	0.1466438	0.55749588	conserved	conserved
YIPF4	0.28839084	0.91516787	conserved	conserved
YIPF5	0.1823858	0.80574377	conserved	conserved
YIPF6	0.27647809	0.36422164	conserved	conserved
YLPM1	1.03392787	0.43834783	conserved	conserved
YME1L1	0.85089035	0.55440876	conserved	conserved
YOD1	0.00445278	0.43734519	conserved	conserved
YPEL4	0.08601433	0.08882655	conserved	conserved
YPEL5	0.22757753	0.43930629	conserved	conserved
YRDC	0.01414027	0.39891961	conserved	conserved
YTHDC1	0.83724929	0.82404114	conserved	conserved
YTHDF1	0.26157235	0.26396566	conserved	conserved
YTHDF2	0.44160396	0.56644078	conserved	conserved
YTHDF3	0.73638931	0.49465841	conserved	conserved

YWHAB	0.76231952	2.39494287	mouse-RGL	conserved
YWHAG	0.83236045	1.10568975	conserved	conserved
YWHAH	0.67438291	2.06408708	mouse-RGL	conserved
YY1	0.70863181	0.48373463	conserved	conserved
ZADH2	0.22837784	0.10727202	conserved	conserved
ZAP70	0.00058537	0	conserved	conserved
ZAR1	0.00291604	0.00674723	conserved	conserved
ZAR1L	0.00065512	0	conserved	conserved
ZBBX	0.00607163	0	conserved	conserved
ZBED4	0.00554081	0.06749439	conserved	conserved
ZBP1	0.00205481	0.00420968	conserved	conserved
ZBTB1	0.5232897	0.22786046	conserved	conserved
ZBTB10	0.1367066	0.10344214	conserved	conserved
ZBTB11	0.24950981	0.14942895	conserved	conserved
ZBTB12	0.0018382	0.10903751	conserved	conserved
ZBTB14	0.07088757	0.18080194	conserved	conserved
ZBTB16	3.12002239	0.01169535	conserved	conserved
ZBTB17	0.1667635	0.07176762	conserved	conserved
ZBTB2	0.05899782	0.06049445	conserved	conserved
ZBTB20	8.62531518	22.4087018	conserved	conserved
ZBTB21	0.13010021	0.07417042	conserved	conserved
ZBTB22	0.02155198	0.21424902	conserved	conserved
ZBTB24	0.0747265	0.10573605	conserved	conserved
ZBTB25	0.44371522	0.17332179	conserved	conserved
ZBTB26	0.07657887	0.11629509	conserved	conserved
ZBTB3	0.00903499	0.01311898	conserved	conserved
ZBTB33	0.03032648	0.14414409	conserved	conserved
ZBTB34	0.06947963	0.09833697	conserved	conserved
ZBTB37	0.07575799	0.18959189	conserved	conserved
ZBTB38	0.52456357	0.24030396	conserved	conserved
ZBTB39	0.02191209	0.06503042	conserved	conserved
ZBTB4	1.27106513	0.37828895	conserved	conserved
ZBTB40	0.37787311	0.0420834	conserved	conserved
ZBTB43	0.33554714	0.06781829	conserved	conserved
ZBTB44	0.49153362	0.13499276	conserved	conserved
ZBTB46	0.28766903	0.01329734	conserved	conserved
ZBTB48	0.24054603	0.04849517	conserved	conserved
ZBTB49	0.19337823	0.01623143	conserved	conserved
ZBTB5	0.33606533	0.14934138	conserved	conserved
ZBTB6	0.01500528	0.14730797	conserved	conserved
ZBTB7B	0.08643762	0.03683318	conserved	conserved

ZBTB8OS	1.06586954	0.25132181	conserved	conserved
ZC2HC1A	1.22277684	0.30523064	conserved	conserved
ZC2HC1C	0.21937959	0.02183852	conserved	conserved
ZC3H12A	0.00947535	0.00290081	conserved	conserved
ZC3H12B	0.13956888	0.04613897	conserved	conserved
ZC3H12C	1.04168216	0.02224067	conserved	conserved
ZC3H14	0.7151476	0.65833705	conserved	conserved
ZC3H15	0.37280634	1.45352242	conserved	conserved
ZC3H18	0.82477224	0.26399132	conserved	conserved
ZC3H6	0.7631902	0.30648712	conserved	conserved
ZC3H7A	0.62824877	0.30920676	conserved	conserved
ZC3H7B	0.77488766	0.45221716	conserved	conserved
ZC3H8	0.14990838	0.11529505	conserved	conserved
ZC3HAV1	0.06356711	0.03554241	conserved	conserved
ZC3HC1	0.44736283	0.28218768	conserved	conserved
ZC4H2	0.38503401	0.1795864	conserved	conserved
ZCCHC14	1.09551502	0.22248351	conserved	conserved
ZCCHC17	0.80014129	1.37476364	conserved	conserved
ZCCHC2	0.46830197	0.07440348	conserved	conserved
ZCCHC24	0.99121187	1.149326	conserved	conserved
ZCCHC3	0.05977709	0.33000196	conserved	conserved
ZCCHC8	0.29209831	0.15755205	conserved	conserved
ZCCHC9	0.17129091	0.63603866	conserved	conserved
ZCWPW1	0.24102755	0.06835146	conserved	conserved
ZDBF2	0.68928949	0.15512419	conserved	conserved
ZDHHC1	0.03718197	0.15233628	conserved	conserved
ZDHHC12	0.01077344	0.14319378	conserved	conserved
ZDHHC13	0.25860743	0.14657629	conserved	conserved
ZDHHC14	1.37552872	0.02037404	conserved	conserved
ZDHHC15	0.29955507	0.02091669	conserved	conserved
ZDHHC16	0.09750225	0.31795419	conserved	conserved
ZDHHC17	1.09522947	0.15496983	conserved	conserved
ZDHHC2	0.19680119	0.17526922	conserved	conserved
ZDHHC20	1.46262952	0.80676124	conserved	conserved
ZDHHC21	0.69870102	0.58243924	conserved	conserved
ZDHHC22	0.13537579	0	conserved	conserved
ZDHHC23	0.17785963	0	conserved	conserved
ZDHHC24	0.1588677	0.10298275	conserved	conserved
ZDHHC4	0.10168649	0.48135639	conserved	conserved
ZDHHC6	0.11873341	0.51320429	conserved	conserved
ZDHHC7	0.37867414	0.15397487	conserved	conserved

ZDHHC9	0.09944881	0.11660963	conserved	conserved
ZEB1	4.42009633	1.16149895	conserved	conserved
ZEB2	5.59442315	1.29339719	conserved	conserved
ZER1	0.51100067	0.24415573	conserved	conserved
ZFAND2B	0.04594892	0.36728979	conserved	conserved
ZFAND3	6.34350424	0.50473105	conserved	conserved
ZFAND4	0.56055546	0.09113242	conserved	conserved
ZFAND6	1.34107367	1.80580408	conserved	conserved
ZFAT	0.47768456	0.01282964	conserved	conserved
ZFC3H1	0.86135198	0.20199631	conserved	conserved
ZFHX2	0.87802835	0.2056991	conserved	conserved
ZFHX3	0.66173002	0.06786974	conserved	conserved
ZFHX4	6.45603283	0.14273127	monkey-NSC	conserved
ZFP1	0.32227158	0.15256952	conserved	conserved
ZFP14	0.6877151	0.06544883	conserved	conserved
ZFP2	0.47461613	0.2803337	conserved	conserved
ZFP28	0.0714998	0.04888415	conserved	conserved
ZFP3	0.07877804	0.05833695	conserved	conserved
ZFP30	0.70634221	0.39107628	conserved	conserved
ZFP36	0.08586608	0.17482189	conserved	conserved
ZFP36L1	1.49405321	4.40944773	mouse-RGL	conserved
ZFP37	0.25732408	0.16527555	conserved	conserved
ZFP57	0.00123965	0.08856784	conserved	conserved
ZFP62	0.1327297	0.23818946	conserved	conserved
ZFP64	0.34574256	0.18553384	conserved	conserved
ZFP82	0.13405265	0.00335512	conserved	conserved
ZFP90	1.32667613	0.15190544	conserved	conserved
ZFPM2	7.69275464	0.11463859	conserved	conserved
ZFR	2.61504074	0.90472238	conserved	conserved
ZFX	0.73384187	0.23801635	conserved	conserved
ZFYVE1	0.31262024	0.02638131	conserved	conserved
ZFYVE19	0.09883072	0.27760612	conserved	conserved
ZFYVE21	0.59065224	0.81800669	conserved	conserved
ZFYVE26	0.51990519	0.0588933	conserved	conserved
ZFYVE27	0.27410219	0.17803165	conserved	conserved
ZGPAT	0.30444044	0.12497928	conserved	conserved
ZHX1	0.05904444	0.54817036	conserved	conserved
ZHX2	7.38145727	0.30013746	monkey-NSC	conserved
ZHX3	8.86751576	0.26067166	conserved	conserved
ZIC1	0.08291761	0.6166547	conserved	conserved
ZIC2	0.20734753	0.09602778	conserved	conserved

ZIC3	0	0.04252475	conserved	conserved
ZIC4	0.0751227	0.30196841	conserved	conserved
ZIC5	0.15203864	1.20006208	conserved	conserved
ZIK1	0.06363467	0.15941366	conserved	conserved
ZKSCAN1	1.02179322	0.62167269	conserved	conserved
ZKSCAN2	0.16750979	0.05922093	conserved	conserved
ZKSCAN5	0.39766661	0.09450048	conserved	conserved
ZKSCAN8	0.1513523	0.1848941	conserved	conserved
ZMAT1	0.93473569	0.1884304	conserved	conserved
ZMAT2	0.13598295	1.31281793	conserved	conserved
ZMAT3	0.15091408	0.3585973	conserved	conserved
ZMIZ1	3.13406168	1.33190087	conserved	conserved
ZMIZ2	0.20663288	0.36556955	conserved	conserved
ZMPSTE24	0.44038037	0.36601398	conserved	conserved
ZMYM2	3.37605225	0.24869258	conserved	conserved
ZMYM3	0.32053483	0.24376399	conserved	conserved
ZMYM4	2.80537233	0.46057516	conserved	conserved
ZMYND10	0.02994006	0.01586535	conserved	conserved
ZMYND11	2.83124246	0.87604776	conserved	conserved
ZMYND12	0.25658548	0.01462748	conserved	conserved
ZMYND15	0.00095704	0.01102356	conserved	conserved
ZMYND8	4.72448069	0.40267044	monkey-NSC	conserved
ZNHIT1	0.12443812	1.11975771	conserved	conserved
ZNHIT6	0.69088528	0.21741614	conserved	conserved
ZNRF1	0.65761746	0.28531366	conserved	conserved
ZNRF2	0.40550085	0.17899836	conserved	conserved
ZNRF3	9.04820112	0.51308789	monkey-NSC	conserved
ZP1	0.0014765	0	conserved	conserved
ZP2	0	0	conserved	conserved
ZPBP2	0.00238534	0.00386803	conserved	conserved
ZPLD1	0	0	conserved	conserved
ZRANB1	0.54460006	0.71564621	conserved	conserved
ZRANB3	2.42011531	0.04808724	conserved	conserved
ZSCAN12	0.08811228	0.0782616	conserved	conserved
ZSCAN2	0.14558236	0.02924178	conserved	conserved
ZSCAN20	0.0604728	0.02160402	conserved	conserved
ZSCAN21	0.27547766	0.18752025	conserved	conserved
ZSCAN22	0.04074327	0.11001681	conserved	conserved
ZSCAN25	0.12961475	0.00231094	conserved	conserved
ZSCAN26	0.41074999	0.36232244	conserved	conserved
ZSCAN29	0.13951223	0.13578318	conserved	conserved

ZSWIM1	0.00796904	0.12930034	conserved	conserved
ZSWIM2	0.01034342	0	conserved	conserved
ZSWIM4	0.20356105	0.04750955	conserved	conserved
ZSWIM5	2.44802389	0.05420419	monkey-NSC	conserved
ZSWIM6	6.62375918	0.08576853	monkey-NSC	conserved
ZSWIM7	0.49537661	0.3596578	conserved	conserved
ZSWIM8	1.41067442	0.2291643	conserved	conserved
ZW10	0.25672213	0.07990554	conserved	conserved
ZWILCH	0.02828424	0.01392709	conserved	conserved
ZWINT	0.00552578	1.28745053	conserved	conserved
ZXDC	0.80655626	0.10769498	conserved	conserved
ZYG11A	0.11418831	0	conserved	conserved
ZYX	0.18336496	0.21288851	conserved	conserved