

Mouse gen	Mouse locuslink	Mouse refseq	Number of	Rat gene symt	Rat locuslink	Rat refseq	Number of
Aldh3a1	11670	NM_007436	1	Aldh3a1	25375	NM_03197	1
Aldh3a2	11671	NM_007437	1	Aldh3a2	65183	NM_03173	1
Ap2a2	11772	NM_007459	1	Ap2a2	81637	NM_03100	1
Arf1	11840	NM_007476	1		64310	NM_02251	1
Btg2	12227	NM_007570	1	Btg2	29619	NM_01725	1
C4bp	12269	NM_007576	1	C4bpa	24235	NM_01251	1
Cacnb3	12297	NM_007581	1	Cacnb3	25297	NM_01282	1
Catnb	12387	NM_007614	1		84353	NM_05335	1
Cdk5	12568	NM_007668	1		140908	NM_08088	1
Cpd	12874	NM_007754	1	Cpd	25306	NM_01283	1
Cyp26a1	13082	NM_007811	1		154985	NM_13040	1
Edn2	13615	NM_007902	1	Edn2	24324	NM_01254	1
Eif4e	13684	NM_007917	1	Eif4e	117045	NM_05397	1
Htr7	15566	NM_008315	1	Htr7	65032	NM_02293	1
Igfbp6	16012	NM_008344	1	Igfbp6	25641	NM_01310	1
Il9r	16199	NM_008374	1	Il9r	24500	NM_01702	1
Kcnq1	16535	NM_008434	1		84020	NM_03207	1
Amacr	17117	NM_008537	1	Amacr	25284	NM_01281	1
Madh7	17131	NM_008543	1	Madh7	81516	NM_03085	1
Mras	17532	NM_008624	1	Mras	25482	NM_01298	1
Pak3	18481	NM_008778	1	Pak3	29433	NM_01921	1
Pcmt1	18537	NM_008786	1	Pcmt1	25604	NM_01307	1
Proc	19123	NM_008934	1	Proc	25268	NM_01280	1
Cxcl2	20310	NM_009140	1	Cxcl2	114105	NM_05364	1
Slc2a4	20528	NM_009204	1	Slc2a4	25139	NM_01275	1
Slc4a2	20535	NM_009207	1	Slc4a2	24780	NM_01704	1
Sqle	20775	NM_009270	1	Sqle	29230	NM_01713	1
Tac2	21334	NM_009312	1	Tac2	29191	NM_01916	1
Tfam	21780	NM_009360	1		83474	NM_03132	1
Tnni2	21953	NM_009405	1	Tnni2	29389	NM_01718	1
Viaat	22348	NM_009508	1		83612	NM_03178	1
Zfp103	22644	NM_009543	1		84508	NM_05343	1
Aldh2	11669	NM_009656	1	Aldh2	29539	NM_03241	1
Atp2a2	11938	NM_009722	1		29693	NM_01729	1
Bcl2l	12048	NM_009743	1	Bcl2l1	24888	NM_03153	1
Btg3	12228	NM_009770	1	Btg3	54230	NM_01929	1
Cacna2d1	12293	NM_009784	1	Cacna2d1	25399	NM_01291	1
Runx1	12394	NM_009821	1	Runx1	50662	NM_01732	1
Cnr2	12802	NM_009924	1		57302	NM_02054	1
Cox4a	12857	NM_009941	1	Cox4a	29445	NM_01720	1
Dio2	13371	NM_010050	1	Dio2	65162	NM_03172	1
Efnb1	13641	NM_010110	1	Efnb1	25186	NM_01708	1
Fgr	14191	NM_010208	1		79113	NM_02414	1
Fhl1	14199	NM_010211	1	Fhl1	25177	NM_14566	1
Fmo1	14261	NM_010231	1	Fmo1	25256	NM_01279	1
G22p1	14375	NM_010247	1	G22p1	25019	NM_13908	1
Ggta1	14594	NM_010283	1		246766	NM_14567	1
Gp38	14726	NM_010329	1	Gp38	54320	NM_01935	1
Hck	15162	NM_010407	1	Hck	25734	NM_01318	1
Hivep2	15273	NM_010437	1	Hivep2	29721	NM_02413	1
Foxa2	15376	NM_010446	1	Hnf3b	25099	NM_01274	1

Hoxa1	15394 NM_010449	1 Hoxa1	25607 NM_01307	1
Hsd17b1	15485 NM_010475	1 Hsd17b1	25322 NM_01285	1
Hspd1	15510 NM_010477	1	63868 NM_02222	1
Igf2r	16004 NM_010515	1 Igf2r	25151 NM_01275	1
Il10	16153 NM_010548	1 Il10	25325 NM_01285	1
Laptm5	16792 NM_010686	1	89783 NM_05353	1
Lat	16797 NM_010689	1	81511 NM_03085	1
Lox	16948 NM_010728	1 Lox	24914 NM_01706	1
Lrf	16969 NM_010731	1	117107 NM_05400	1
Mmp7	17393 NM_010810	1 Mmp7	25335 NM_01286	1
Mapt	17762 NM_010838	1 Mapt	29477 NM_01721	1
Ncam1	17967 NM_010875	1 Ncam1	24586 NM_03152	1
Nfe2l2	18024 NM_010902	1	83619 NM_03178	1
Nfkbib	18036 NM_010908	1	81525 NM_03086	1
Nppc	18159 NM_010933	1	114593 NM_05375	1
P2rx4	18438 NM_011026	1 P2rx4	29659 NM_03159	1
Pap	18489 NM_011036	1 Pap	24618 NM_05328	1
Pde1c	18575 NM_011054	1 Pde1c	81742 NM_03107	1
Padi3	18601 NM_011060	1	29520 NM_01723	1
Pdpk1	18607 NM_011062	1	81745 NM_03108	1
Pex11a	18631 NM_011068	1	85249 NM_05348	1
Plod1	18822 NM_011122	1	116552 NM_05382	1
Ptpn11	19247 NM_011202	1 Ptpn11	25622 NM_01308	1
Rbl2	19651 NM_011250	1 Rb2	81758 NM_03109	1
Reln	19699 NM_011261	1 Reln	24718 NM_08039	1
Slc22a5	20520 NM_011396	1 Slc22a5	29726 NM_01926	1
Slc2a1	20525 NM_011400	1	24778 NM_13882	1
Tgfb1	21803 NM_011577	1 Tgfb1	59086 NM_02157	1
Tmpo	21917 NM_011605	1 Tmpo	25359 NM_01288	1
Trp53	22059 NM_011640	1 Tp53	24842 NM_03098	1
Uchl1	22223 NM_011670	1 Uchl1	29545 NM_01723	1
Ufd1l	22230 NM_011672	1	84478 NM_05341	1
Ugcg	22234 NM_011673	1	83626 NM_03179	1
Vdac3	22335 NM_011696	1	83532 NM_03135	1
Zp2	22787 NM_011775	1	81828 NM_03115	1
Fbln5	23876 NM_011812	1 Fbln5	29158 NM_01915	1
Mapk14	26416 NM_011951	1	81649 NM_03102	1
Psma4	26441 NM_011966	1 Psma4	29671 NM_01728	1
Pclo	26875 NM_011995	1 Pclo	56768 NM_02009	1
Htr3a	15561 NM_013561	1 Htr3a	79246 NM_02439	1
Ldh3	16833 NM_013580	1 Ldhc	29634 NM_01726	1
Ltbp2	16997 NM_013589	1 Ltbp2	59106 NM_02158	1
Ninj1	18081 NM_013610	1 Ninj1	25338 NM_01286	1
Odf2	18286 NM_013615	1 Odf2	29479 NM_01721	1
Snap91	20616 NM_013669	1 Snap91	65178 NM_03172	1
Yme1l1	27377 NM_013771	1	114217 NM_05368	1
Mapk12	29857 NM_013871	1 Mapk12	60352 NM_02174	1
Chrna4	11438 NM_015730	1 Chrna4	25590 NM_02435	1
Sdcbp	53378 NM_016807	1	83841 NM_03198	1
Sart1	20227 NM_016882	1 Sart1	29678 NM_03159	1
Ak2	11637 NM_016895	1 Ak2	24184 NM_03098	1
Trpc4	22066 NM_016984	1	84494 NM_05343	1

Sh3gl3	20408	NM_017400	1		81921	NM_03123	1
Ywhab	54401	NM_018753	1	Ywhab	56011	NM_01937	1
Ptf1a	19213	NM_018809	1		117034	NM_05396	1
Slc23a2	54338	NM_018824	1		50622	NM_01731	1
P140-pend	56013	NM_018873	1		56029	NM_01937	1
Lmna	16905	NM_019390	1		60374	NM_02175	1
Pitpnb	56305	NM_019640	1		114561	NM_05374	1
Dbn1	56320	NM_019813	1	Dbn1	81653	NM_03102	1
ank	11732	NM_020332	1		114506	NM_05371	1
Ak3l	56248	NM_021299	1		26956	NM_01321	1
Tmod1	21916	NM_021883	1	Tmod1	25566	NM_01304	1
Gucy1a3	60596	NM_021896	1	Gucy1a3	25201	NM_01709	1
Fxyd7	57780	NM_022007	1		63848	NM_02200	1
Retn	57264	NM_022984	1		246250	NM_14474	1
Txnl2	30926	NM_023140	1	Txnl2	58815	NM_03261	1
Arpc1b	11867	NM_023142	1	Arpc1b	54227	NM_01928	1
4733401H'	66706	NM_023247	1		56769	NM_02008	1
Tubb3	22152	NM_023279	1		246118	NM_13925	1
Bhlhb3	79362	NM_024469	1	Bhlhb3	117095	NM_13330	1
Atp6v0e	11974	NM_025272	1		94170	NM_05357	1
1100001F1	66105	NM_025356	1		81920	NM_03123	1
1110017C'	66164	NM_025391	1		192180	NM_13884	1
Acadsb	66885	NM_025826	1	Acadsb	25618	NM_01308	1
Bbs2	67378	NM_026116	1	Bbs2	113948	NM_05361	1
Erp29	67397	NM_026129	1		117030	NM_05396	1
0610041O'	67439	NM_026156	1		245976	NM_13910	1
D7Erttd753i	52432	NM_026391	1		246255	NM_14474	1
Prps2	110639	NM_026662	1	Prps2	24689	NM_01263	1
Gcipip-pen	68592	NM_026780	1		170933	NM_13341	1
Dcps-pend	69305	NM_027030	1		266605	NM_15330	1
Isl2	104360	NM_027397	1		57233	NM_02047	1
Synpr	72003	NM_028052	1		66030	NM_02397	1
2610020G'	72157	NM_028132	1	Pgm1	24645	NM_01703	1
3632410Gz	74011	NM_028711	1		85262	NM_05350	1
4930483Nz	75015	NM_029144	1		56764	NM_02008	1
4930538C'	75826	NM_029457	1		78973	NM_02398	1
4930579A1	75909	NM_029478	1		192129	NM_13883	1
5830461H'	76108	NM_029519	1		114560	NM_05374	1
Cyp2d26	76279	NM_029562	1	Cyp2d2	25053	NM_01273	1
Cygb	114886	NM_030206	1	Staatp	170520	NM_13074	1
1810049Kz	78892	NM_030209	1		171547	NM_13851	1
Aacs	78894	NM_030210	1		65984	NM_02310	1
Nptxr	73340	NM_030689	1		81005	NM_03084	1
Slc19a1	20509	NM_031196	1	Slc19a1	29723	NM_01729	1
Tgfa	21802	NM_031199	1	Tgfa	24827	NM_01267	1
Sncb	104069	NM_033610	1	Sncb	113893	NM_08077	1
Pard3	93742	NM_033620	1		81918	NM_03123	1
Ces3	104158	NM_053200	1	Ces3	113902	NM_13329	1
Pip5k2c	117150	NM_054097	1		140607	NM_08048	1
Acaa1	113868	NM_130864	1	Acaa1	24157	NM_01248	1
Scn4a	110880	NM_133199	1		25722	NM_01317	1
Xpnpep1	170750	NM_133216	1		170751	NM_13191	1

Pdk2	18604 NM_133667	1 Pdk2	81530 NM_03087	1
Trf	22041 NM_133977	1 Tf	24825 NM_01705	1
D19Wsu55	28000 NM_134129	1	246216 NM_13933	1
Kif2c	73804 NM_134471	1	171529 NM_13447	1
Adcy3	104111 NM_138305	1 Adcy3	64508 NM_13077	1
Nme7	171567 NM_138314	1	171566 NM_13853	1
	208263 NM_144791	1	246314 NM_14509	1
Chrna3	110834 NM_145129	1 Chrna3	25101 NM_05280	1
Pomt1	99011 NM_145145	1	84430 NM_05340	1
Eif2b1	209354 NM_145371	1	64514 NM_17202	1
Rho	212541 NM_145383	1 Rho	24717 NM_03344	1
Rnpep	215615 NM_145417	1	81761 NM_03109	1
Madd	228355 NM_145527	1	94193 NM_05358	1
0710001O	76267 NM_146094	1	84575 NM_05344	1
Gabt4	243616 NM_172890	1	79213 NM_02437	1
Rln3	212108 NM_173184	1	266997 NM_17066	1
Cds1	74596 NM_173370	1	81925 NM_03124	1
Adprt1	11545 NM_007415	1 Adprt	25591 NM_01306	2
Nr0b1	11614 NM_007430	1 Nr0b1	58850 NM_05331	2
Dpep1	13479 NM_007876	1	94199 NM_05359	2
G6pt1	14385 NM_008063	1 G6pt1	29573 NM_03158	2
Gad2	14417 NM_008078	1 Gad2	24380 NM_01256	2
Hadhsc	15107 NM_008212	1 Hadhsc	113965 NM_05718	2
Hand1	15110 NM_008213	1	59112 NM_02159	2
Dnaja1	15502 NM_008298	1	65028 NM_02293	2
Irf1	16362 NM_008390	1 Irf1	24508 NM_01259	2
Kcns2	16539 NM_008436	1	66022 NM_02396	2
Mobp	17433 NM_008614	1 Mobp	25037 NM_01272	2
Nqo1	18104 NM_008706	1 Nqo1	24314 NM_01700	2
Rgn	19733 NM_009060	1 Rgn	25106 NM_03154	2
Slc4a3	20536 NM_009208	1 Slc4a3	24781 NM_01704	2
Syng1	20972 NM_009303	1 Syng1	29205 NM_01916	2
Ywhae	22627 NM_009536	1 Ywhae	29753 NM_03160	2
Cd24a	12484 NM_009846	1 Cd24	25145 NM_01275	2
Grin2c	14813 NM_010350	1 Grin2c	24411 NM_01257	2
Igfbp5	16011 NM_010518	1 Igfbp5	25285 NM_01281	2
Mdk	17242 NM_010784	1 Mdk	81517 NM_03085	2
Lamr1	16785 NM_011029	1 Lamr1	29236 NM_01713	2
Pitx2	18741 NM_011098	1 Pitx2	54284 NM_01933	2
Scn1b	20266 NM_011322	1	29686 NM_01728	2
Sod3	20657 NM_011435	1 Sod3	25352 NM_01288	2
Trpc1	22063 NM_011643	1	89821 NM_05355	2
Vim	22352 NM_011701	1	81818 NM_03114	2
Ifrd1	15982 NM_013562	1 Ifrd1	29596 NM_01924	2
Podxl	27205 NM_013723	1	192181 NM_13884	2
Abcc5	27416 NM_013790	1 Abcc5a	116721 NM_05392	2
Dbnl	13169 NM_013810	1 Dbnl	83527 NM_03135	2
Nell2	54003 NM_016743	1	81734 NM_03107	2
Hnrpu	51810 NM_016805	1	117280 NM_05713	2
Tsnax	53424 NM_016909	1	64028 NM_02226	2
Pfn2	18645 NM_019410	1	81531 NM_03087	2
Selenbp2	20342 NM_019414	1	140927 NM_08089	2

Trpc3	22065 NM_019510	1	Trpc3	60395 NM_02177	2
Lrat	79235 NM_023624	1	Lrat	64047 NM_02228	2
Qdpr	110391 NM_024236	1		64192 NM_02239	2
Afar	110198 NM_025337	1		171445 NM_13440	2
Decr1	67460 NM_026172	1	Decr1	117543 NM_05719	2
Ssg1-pend	67896 NM_026439	1	Ssg1	64387 NM_02254	2
Ppp1ca	19045 NM_031868	1	Ppp1ca	24668 NM_03152	2
Ngfr	18053 NM_033217	1		24596 NM_01261	2
Adar3-penc	94191 NM_052977	1		117088 NM_13330	2
Apoa5	66113 NM_080434	1	Apoa5	140638 NM_08057	2
Grin3b	170483 NM_130455	1		170796 NM_13330	2
Il1rl2	107527 NM_133193	1		171106 NM_13357	2
Bach-pend	70025 NM_133348	1		26759 NM_01321	2
AW555139	99412 NM_133852	1		64528 NM_02259	2
Cdipt	52858 NM_138754	1		192260 NM_13889	2
1700041K2	245865 NM_139151	1		83623 NM_03179	2
	238271 NM_172805	1		171146 NM_13361	2
Htr2a	15558 NM_172812	1	Htr2a	29595 NM_01725	2
Slc16a1	20501 NM_009196	1	Slc16a1	25027 NM_01271	3
Itgb5	16419 NM_010580	1		257645 NM_14713	3
P2rx1	18440 NM_011028	1	P2rx1	25041 NM_01272	3
Thop1	50492 NM_022653	1	Thop1	64517 NM_17207	3
1110033EC	68671 NM_024229	1		89841 NM_05356	3
Lce-pendin	170439 NM_130450	1		171402 NM_13438	3
Chst10	98388 NM_145142	1		140568 NM_08039	3
Xylt2	217119 NM_145828	1		64134 NM_02229	3
Siat5	20444 NM_009179	1	Siat5	64442 NM_03169	4
1500001M0	67938 NM_023402	1		50685 NM_01734	5
Ctsh	13036 NM_007801	2	Ctsh	25425 NM_01293	1
Dll1	13388 NM_007865	2	Dll1	84010 NM_03206	1
Fgfr3	14184 NM_008010	2		84489 NM_05342	1
Gpcr12	14738 NM_008151	2	Gpcr12	80840 NM_03083	1
Igfbp1	16006 NM_008341	2	Igfbp1	25685 NM_01314	1
Pde1b	18574 NM_008800	2	Pde1b	29691 NM_02271	1
Ppap2a	19012 NM_008903	2		64369 NM_02253	1
Ptger4	19219 NM_008965	2		84023 NM_03207	1
Slc1a1	20510 NM_009199	2	Slc1a1	25550 NM_01303	1
Tgfbr2	21813 NM_009371	2	Tgfbr2	81810 NM_03113	1
Ugdh	22235 NM_009466	2		83472 NM_03132	1
Atf4	11911 NM_009716	2		79255 NM_02440	1
Dpp4	13482 NM_010074	2	Dpp4	25253 NM_01278	1
Efna1	13636 NM_010107	2		94268 NM_05359	1
Esr2	13983 NM_010157	2		25149 NM_01275	1
Hipk3	15259 NM_010434	2		83617 NM_03178	1
Lect1	16840 NM_010701	2		81512 NM_03085	1
Khdrbs1	20218 NM_011317	2		117268 NM_13040	1
Zfp148	22661 NM_011749	2	Znf148	58820 NM_03161	1
Pdcd8	26926 NM_012019	2		83533 NM_03135	1
Clu	12759 NM_013492	2	Clu	24854 NM_05302	1
Hk2	15277 NM_013820	2	Hk2	25059 NM_01273	1
Dmrt1	50796 NM_015826	2		114498 NM_05370	1
Syt5	53420 NM_016908	2	Syt5	54309 NM_01935	1

Ywhag	22628 NM_018871	2 Ywhag	56010 NM_01937	1
Pepf-pendi	58803 NM_021453	2	60372 NM_02175	1
Pxmp4	59038 NM_021534	2	282634 NM_17222	1
Polr2g	67710 NM_026329	2	117017 NM_05394	1
Ppp1r14a	68458 NM_026731	2	114004 NM_13040	1
2310008N'	69534 NM_027106	2	171386 NM_13437	1
D930010JC	107227 NM_134147	2	246233 NM_13933	1
Mclc-pendi	229725 NM_145543	2	170927 NM_13341	1
	223453 NM_146057	2	64322 NM_02252	1
Eif2b5	224045 NM_172265	2	192234 NM_13886	1
Atp6v1b2	11966 NM_007509	2	117596 NM_05721	2
Gabrd	14403 NM_008072	2 Gabrd	29689 NM_01728	2
Gnb2-rs1	14694 NM_008143	2 Gnb2l1	83427 NM_13073	2
Hspe1	15528 NM_008303	2 Hspe1	25462 NM_01296	2
Nptx1	18164 NM_008730	2	266777 NM_15373	2
Pfkl	18641 NM_008826	2 Pfkl	25741 NM_01319	2
Tnfrsf8	21941 NM_009401	2 Tnfrsf8	25069 NM_01913	2
Inpp5d	16331 NM_010566	2 Inpp5d	54259 NM_01931	2
Nbn	27354 NM_013752	2	85482 NM_13887	2
Slc20a1	20515 NM_015747	2	81826 NM_03114	2
Stx8	55943 NM_018768	2 Stx8	59074 NM_03165	2
B3galt4	54218 NM_019420	2	171079 NM_13355	2
Ecel1	13599 NM_021306	2 Ecel1	60417 NM_02177	2
Abcb6	74104 NM_023732	2 Abcb6	140669 NM_08058	2
Egln3	112407 NM_028133	2 Egln3	54702 NM_01937	2
Impa2	114663 NM_053261	2	282636 NM_17222	2
Csda	56449 NM_139117	2	83807 NM_03197	2
Arhv	228543 NM_145530	2	171581 NM_13854	2
5730495N'	100121 NM_146142	2	85425 NM_13887	2
	223654 NM_153122	2	116684 NM_05390	2
Socs3	12702 NM_007707	2	89829 NM_05356	3
Gdi3	14569 NM_008112	2 Gdi3	29662 NM_01727	3
Tgfb2	21808 NM_009367	2	81809 NM_03113	3
Pctk1	18555 NM_011049	2	81741 NM_03107	3
Rps26	27370 NM_013765	2	27139 NM_01322	3
Txnl	53382 NM_016792	2	140922 NM_08088	3
Avpr1a	54140 NM_016847	2	25107 NM_05301	3
Gabarapl2	93739 NM_026693	2	64670 NM_02270	3
Padi2	18600 NM_008812	2	29511 NM_01722	4
Prcad-penc	170677 NM_130878	2	93662 NM_05357	7
Gdnf	14573 NM_010275	3 Gdnf	25453 NM_01913	1
Hap1	15114 NM_010404	3 Hap1	29430 NM_02413	1
Kcnk2	16526 NM_010607	3	170899 NM_17204	1
Pitx1	18740 NM_011097	3 Pitx1	113983 NM_05362	1
Banf1	23825 NM_011793	3	114087 NM_05363	1
Aldh9a1	56752 NM_019993	3 Aldh9a1	64040 NM_02227	1
Gpm6b	14758 NM_023122	3	192179 NM_13884	1
Kcnc1	16502 NM_008421	3 Kcnc1	25327 NM_01285	2
Stc2	20856 NM_011491	3	63878 NM_02223	2
Ywhah	22629 NM_011738	3 Ywhah	25576 NM_01305	2
Herpud1	64209 NM_022331	3	85430 NM_05352	2
Cox5a	12858 NM_007747	3	252934 NM_14578	3

Rbbp7	245688 NM_009031	3	83712 NM_03181	3
Siat8a	20449 NM_011374	3 Siat8a	25280 NM_01281	3
Yif1	68090 NM_026553	3	171441 NM_17201	3
Cyp1b1	13078 NM_009994	3 Cyp1b1	25426 NM_01294	5
Cacna1b	12287 NM_007579	4	257648 NM_14714	1
Anp32a	11737 NM_009672	4 Anp32a	25379 NM_01290	3
Rab10	19325 NM_016676	4	50993 NM_01735	4
Atp12a	192113 NM_138652	5	171028 NM_13351	1

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