

Appendix 6 - Homology of probe to known mouse mRNA transcripts

Probe Name	Homology to mouse genes
12-lopky:2024	15/15 to BC010459, NM_016773, AJ222586.
12-lopky:2259	16/16 to BC004720; 15/15 to AK009247
ABC1:6829	16/16 to U13263, BC014814
ABC1:7627	15/15 to BC016570, AK019574
Ald5H:1123	None of 15/15 or above found
Ald5H:117	None of 15/15 or above found
B-actin:1197	15/15 to NM_018783
B-actin:1702	16/16 to NM_011997, BC006962, BC006883, AK011818, D50410; 15/15 to NM_013860.
BDNF:597	15/15 to AY032951, NM_021450, AF376052, NM_011729
BDNF:782	15/15 to AF177767, AF287263, NM_010603, NM_008742, X80417
C1qAlpha:500	16/16 to U12147; 15/15 to BC005780
C1qAlpha:513	16/16 to NM_013906; 15/15 to AK017572
C1qR:1910	15/15 to BC010586, NM_009922, AB055070, AJ222660
C1qR:2939	15/15 to BC014770
Catalase:1779	15/15 to AF276957
Catalase:1787	15/15 to AF276957
cathepsinD:1011	16/16 to D32137; 15/15 to NM_015743
CathepsinD:1481	16/16 to AK014876; 18/19 (12+6) to AK012919
Caveolin:439	16/16 to AF073881; 15/15 to NM_011857
Caveolin:454	16/16 to NM_010097, U66160, U64827, AF073881; 15/15 to NM_008292
CCR1:636	15/15 to NM_007704
CCR1:843	16/16 to NM_013488; 15/15 to NM_010752
CD14:1200	15/15 to NM_021350,
CD14:260	15/15 to AK014397, AK009753
CD200:1413	18/19 (14+4) to AK008601
CD200:1691	15/15 to BC019135
CD200R:368	15/15 to NM_008163
CD200R:635	15/15 to AK020263
CD36:1298	15/15 to NM_009644, M14215, AB015140
CD36:2164	17/17 to BC008189; 15/15 to NM_013674
CD36L2:1001	14/14 to NM_015829
CD36L2:1356	15/15 to BC003250
CD40:1196	15/15 to AB023957
CD40:1467	16/16 to BC011509; 14/14 to AY057069
CD40L:1028	15/15 to AF321853, AY013768, AK005195; 18/19 (14+4) to AK018134
CD40L:505	16/16 to AK013841, 15/15 to BC017639, NM_031163, NM_009088, AF124299; 18/19 (5+13) to AF070970
CD68:614	15/15 to NM_007762, X72305
CD68long:1116	15/15 to BC012974
CelA:83	None of 15/15 or above found
Cellodex.:1215	16/16 to AK015254; 18/19 (11+7) to AK009861
Cellodex.:923	18/19 (12+6) to GDNF
Chlorophyll:355	15/15 to NM_013889
Chlorophyll:85	16/16 to BC014729, J04695; 15/15 to NM_008769
Cleccsf9:2201	14/14 to AF153350,
Cleccsf9:2135	15/15 to NM_015788
Cleccsf10:1140	15/15 to BC006033 (only binds to alpha isoform)
Cleccsf10:674	16/16 to NM_027218, 15/15 to NM_019549 (binds to alpha, beta and 33/33 to gamma isoform)
Cleccsf12:2133	15/15 to AF194970,
Cleccsf12:2192	15/15 to BC011464, NM_010476

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Clecsf5:682	15/15 to NM_007868
Clecsf5:694	15/15 to NM_007868,
CNTFfull:1151	16/16 to NM_011050; 15/15 to AF134319
CNTFfull:1391	15/15 to AK012069
Cofilin:459	16/16 to NM_010353, NM_019771, NM_028228, NM_009095; 15/15 to NM_009416
Cofilin:964	16/16 to AK020006; 15/15 to NM_013842
CR1:1694	16/16 to BC012412
CR1:933	16/16 to NM_008869; 15/15 to AF292939
CR2:2017	15/15 to NM_027488, NM_009727
CR2:2052	15/15 to AK013848, NM_030708
CR3:3335	16/16 to NM_007935, AF084364; 15/15 to BC016266
CR3:4094	15/15 to AK014599
CRP:1431	15/15 to AF396879, AK016520
CRP:213	16/16 to AF395445, AK009957, X53176; 15/15 to AF396879
CRP-Ductin:5915	15/15 to AF189817
CRP-Ductin:6420	15/15 to NM_010739, AK019747, AK017614, J04634; 18/19 (13+5) to NM_009821
Cryst.A2:1098	15/15 to NM_010557
Cryst.A2:403	16/16 to NM_013652, X62502
CrystB2:327	15/15 to NM_030238, NM_011293, AK009636
CrystB2:367	31/33 to AJ272229
Cxcr3:1368	16/16 to NM_018818, NM_018818, AF017175; 15/15 to AF294617
Cxcr3:1522	15/15 to AF396935
c-yes:4338	15/15 to U25633
c-yes:4384	15/15 to NM_025822
Doppell:2212	15/15 to AF062525, NM_018852, BC003929, NM_008304, AK011042
Doppell:2940	15/15 to AK015194, AK004337
EF-1a:1143	16/16 to NM_009828; 15/15 to NM_021405
EF-1a:1469	16/16 to NM_008573, K02242; 15/15 to NM_009212
Endo:1808	None of 15/15 or above found
Endo:3357	None of 15/15 or above found
FasL:1264	16/16 to BC017129, AF081261; 15/15 to AF420279, BC013521
FasL:1445	15/15 to BC013845, AK019937
Ferritin:252	15/15 to U43892
Ferritin:468	15/15 to NM_015820
Fgf2:244	22/23 (16+6) to NM_010014; 16/16 to BC017547; 15/15 to BC015285
Fgf2:301	15/15 to AK020478,
Fpr:787	16/16 to AK018074; 15/15 to AF183144, NM_010060, AK019764, AK017750, AK014880, X66118
Fpr:825	14/14 to NM_054044
FPRL1:1041	16/16 to AK013897; 15/15 to NM_013727
Fpr-rs1:515	15/15 to BC016204, NM_008689, AK020927, M57999
Fpr-rs2long:1014	16/16 to AK017132; 15/15 to AF263246, NM_013669, AJ312215, M83985
Fpr-rs2long:873	42/50 to (6+12+1+7+1+15) Fpr-rs1; 17/17 to AK018513; 16/16 to AK012984; 15/15 to BC006635
Fpr-rs3:603	16/16 to BC003948; 15/15 to AK014474, AK012186
Fpr-rs3:615	34/38 (8+1+11+5+9) to Fpr-rs1; 15/15 to AK014474
Fpr-rs4long:468	42/44 to Fpr-rs3; 15/15 to AK018204
Fpr-rs4long:875	18/18 to BC010246; 24/26 (6+12+6) to Fpr-rs1; 36/42 (12+2+3+6+2+3+8) to Fpr-rs3; 15/15 to BC013466
Frac. 1939	16/16 to BC004632, AK017886; 15/15 to BC005685
Frac.:2918	15/15 to NM_025402, NM_007567, AK016632, AK014482, AK004005
Gdnf:2952	15/15 to NM_021605

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Gdnf:2992	15/15 to AF285583
Gfap:1371	15/15 to NM_053110, AK011207, M74751
Gfap:1921	14/14 to AF262046
GMFb:3760	15/15 to NM_010325
GMFb:4067	16/16 to NM_013608; 15/15 to NM_011834
GNAS:1936	50/50 to sang; 16/16 to AK014821; 15/15 to NM_008047
GNAS:2241	50/50 to AF085738 (Sang); 16/16 to AK017261; 15/15 to NM_026580
GPX1:348	15/15 to NM_025951
GPX1:863	16/16 to NM_009134; 15/15 to AY046056 Note: probe anneals 3' to a major polyA signal
GSK3b:1205	16/16 to NM_013657; 15/15 to NM_010931
GSK3b:808	15/15 to NM_008146
GSR:1231	19/20 (5+14) to NM_008618; 15/15 to BC017531 also binds 50/50 to BC006966
GSR:1244	15/15 to NM_019972... also binds 50/50 to BC006966
GSS:1299	15/15 to BC003269
GSS:624	18/19 (7+11) to NM_021488; 15/15 to AK004586
GST-Pi:702	18/18 to NM_011632; 17/17 to BC016494
GST-Pi:707	18/18 to NM_011632; 17/17 to BC016494
HemeOx.:1314	17/17 to AK021395, AK020190; 15/15 to BC018368
HemeOx.:1429	18/18 to BC016094; 16/16 to AB051827; 15/15 to BC005665
HM74:1212	15/15 to BC002179
HM74:1863	18/19 (5+13) to NM_019439; 15/15 to NM_023554
Hsp25:736	15/15 to BC013545
Hsp25:745	15/15 to AC084392
IDO:1107	18/19 (5+13) to AK008501
IDO:1312	15/15 to BC018246
IFNa4:232	46/50 to IFNa11; 44/50 to IFNa2; 26/29 to IFNa7; 16/16 to BC003304
IFNa4:29	29/31 to IFNa9, IFNa1; 28/31 to IFNa8, IFNa7; 25/27 to IFNa11; 16/16 to NM_025480; 15/15 to BC005442
IFNb:457	15/15 to NM_021355
IFNb:507	15/15 to AY029528
IFNg:773	16/16 to BC016397; 15/15 to AK008621
IFNg:862	15/15 to AJ251508
IGF2:3007	16/16 to U78539; 15/15 to BC006778
IGF2:4032	18/19 (14+4) to NM_013533
IL-10:692	15/15 to BC016272
IL-10:889	15/15 to NM_011378.
IL-12b:1446	15/15 to BC009149
IL-12b:1562	15/15 to AF285571
IL-1aii:1027	15/15 to AK012108
IL-1aii:1836	16/16 to X99104; 15/15 to NM_008076
IL-1b:1125	15/15 to BC016186; 50/50 to BC013644
IL-1b:612	15/15 to NM_011741
IL-6:149	15/15 to U55489
IL-6:514	None of 15/15 or above found
Integ.aV:3061	15/15 to NM_009351
Integ.aV:3226	15/15 to AF338424
Integ.b3:2367	18/19 (14+4) to AK013117
Integ.b3:2506	16/16 to AK012919, AK012000; 15/15 to BC019146
Integ.b5:1204	15/15 to AK015971
Integ.b5:2246	16/16 to BC012234; 15/15 to NM_020277

Probe Name	Homology to mouse genes
Lac.dehy:1491	16/16 to BC006866; 15/15 to NM_015734
Lac.dehy:1602	15/15 to BC003824
LamR:664	17/17 to BC012668, BC004011; 16/16 to BC013448, AK014800; 15/15 to BC003984
LamR:676	21/22 (14+7) to AY013800; 17/17 to BC012668, BC004773, AB031049; 16/16 to BC013448
LBP:1111	15/15 to AF197159
LBP:1401	16/16 to BC010294; 15/15 to AK017597
Lox-1:2872	16/16 to NM_008060; 15/15 to AK016716
Lox-1:3423	15/15 to NM_022016
Lpo:1188	None of 15/15 or above found
M130:2853	15/15 to BC009095
M130:3823	16/16 to AK016541, AK015047; 15/15 to NM_025921
MARCO:137	16/16 to AK015710; 15/15 to NM_011589
MARCO:1446	16/16 to AF327060, Y18506; 15/15 to BC018178.
Mbl1:400	19/20 (5+14) to AK003692; 15/15 to NM_030684
Mbl1:51	15/15 to BC013559
Mbl2:939	15/15 to BC016577
Mbl2:955	16/16 to NM_054052, AK019272; 15/15 to BC016577
Mrc1:4659	15/15 to NM_010456
Mrc1:4829	15/15 to U55454
Mrc2:2784	15/15 to BC018470
Mrc2:4501	16/16 to NM_011078, AK018493; 15/15 to AK018493
NCF1:145	15/15 to NM_009006
NCF1long:1179	15/15 to AF237914
NCF2:1664	16/16 to BC011291, NM_008662; 15/15 to BC016476
NCF2:343	15/15 to NM_016912
NGFb:287	16/16 to AK014203; 15/15 to BC012041
NGFb:772	16/16 to NM_009291; 15/15 to BC010727
Nod1:1451	
Nod1:964	
Nos1:3936	None of 15/15 or above found
Nos1:4287	15/15 to BC010795
Nos2:3519	None of 15/15 or above found
Nos2:3932	15/15 to NM_011299
NT3:3	15/15 to BC018381
NT3:563	15/15 to NM_021450
Osi:1747	16/16 to BC009125; 15/15 to NM_025898
Osi:1835	16/16 to BC007137; 15/15 to AB047820
P2AG4A:1715	17/17 to AK020766; 15/15 to AK020866
P2AGA4A:2201	20/21 (15+5) to BC004703; 16/16 to BC005754, AK010207; 15/15 to BC008239
PafR:1091	15/15 to NM_019831
PafR:132	15/15 to AK019088
Pbp:661	15/15 to AK017701
Pbp:786	15/15 to AK013871
Pgrp:529	17/17 to AK017105; 15/15 to NM_018739
Pgrp533	17/17 to AK017105; 15/15 to NM_018739
Pgrp-L:1697	16/16 to NM_020506; 15/15 to BC012898
Pgrp-L:1734	19/20 (15+4) to BC011391; 15/15 to BC015250
PP1cg:2017	15/15 to NM_010248
PP1cg:2050	15/15 to AK021392
Pmp:1473	15/15 to AK016836
Pmp:1824	15/15 to BC003303

Probe Name	Homology to mouse genes
ProtoCadg:4180	50/50 to Protocadherin gamma C5,C4,C3,B1,B2,B4,B5,B6,B7,B8, A1,A2,A3,A4,A5,A6,A7,A9,A10,A11,A
ProtoCadg:4240	50/50 to Protocadherin gamma C5,C4,C3,B1,B2,B4,B5,B6,B7,B8, A1,A2,A3,A4,A5,A6,A7,A9,A10,A11,A
PSR:1081	15/15 to AF324864
PSR:629	16/16 to NM_019439; 15/15 to BC012257.
Ptgs-1:1259	17/17 to NM_026479; 15/15 to NM_026479
Ptgs-1:2595	16/16 to AK014411; 14/14 to AF326545
Ptgs-2:3181	15/15 to BC013628.
Ptgs-2:3843	None of 15/15 or above found
RAGE:1296	37/39 (17+8+12) to AK004802; 17/17 to NM_010833; 16/16 to AY007195; 15/15 to AB066227
RAGE:486	47/48 to AK004802; 15/15 to AK021271
Rheb:473	16/16 to AK002837; 15/15 to NM_008032
Rheb:763	16/16 to AK006238; 15/15 to NM_007439
Rp105:2124	16/16 to AK019756; 15/15 to NM_025615
Rp105:2828	16/16 to NM_019501, BC004657, AK014840; 15/15 to NM_009611.
SAP:764	14/14 to AF326543
SAP:923	15/15 to AK015441
Scya3:472	15/15 to AK008098
Scya3:636	16/16 to AK020290; 15/15 to M69068
Scya4:431	15/15 to BC010752
Scya4:451	16/16 to BC010752, AK014259, AK017364; 15/15 to BC012408
Scyb10:267	15/15 to NM_008449
Scyb10:786	16/16 to AK018564
Scyb9:1098	15/15 to AK009042
Scyb9:956	16/16 to BC021387; 15/15 to NM_010501
SOD-1:375	18/18 to AF454947; 16/16 to AK020969; 15/15 to AF020191
Sialoadhesin:6487	16/16 to NM_008060; 14/14 to BC013640
Sialoadhesin:6600	15/15 to NM_016714
SLC:158	16/16 to AK013581; 15/15 to BC018512
SLC:658	15/15 to NM_007832
SLC1A1	16/16 to BC010207, AK014407; 15/15 to NM_053168
SLC1A1	15/15 to NM_031392
SLC1A2:1591	16/16 to NM_008957, NM_053243, NM_009430; 15/15 to AF163316
SLC1A2:1953	16/16 to M55694; 15/15 to BC008552
SLC1A3:146	14/14 to BC002025
SLC1A3:172	14/14 to AF424697
SOD-1:153	16/16 to BC016596; 15/15 to NM_009451
SOD-2:407	16/16 to AF088983; 15/15 to NM_053089
SOD-2:605	15/15 to AF396699
SRA-I:1024	16/16 to AK016286; 15/15 to U16789
SRA-I:1505	16/16 to AK004369, AB044560; 15/15 to BC018614
SRA-II:1983	21/21 to AF329486; 17/17 to U15443; 16/16 to BC005460; 15/15 to U71091
SRA-II:2139	15/15 to NM_011840
SRB-I:2222	16/16 to AK012744; 15/15 to BC008164
SRB-I:908	14/14 to NM_053252
SRCL:2277	15/15 to BC013644
SRCL:2536	15/15 to NM_011172
TGFb:1371	15/15 to AF265663
TGFb:714	15/15 to M96163
TLR1full:2416	15/15 to NM_019425
TLR1full:2431	15/15 to AJ001006
TLR2:2621	15/15 to BC012973
TLR2:2626	16/16 to AK016278; 15/15 to NM_010268

Probe Name	Homology to mouse genes
TLR3:2727	15/15 to AF220124
TLR3:2740	16/16 to AF039601; 15/15 to BC003985
TLR4:3412	16/16 to AK021145; 15/15 to AF212924
TLR4:3513	16/16 to AK015477; 15/15 to NM_019878
TLR5:4038	15/15 to X96604
TLR5:4048	15/15 to AK007640
TLR5:4226	15/15 to BC012696
TLR6:2400	15/15 to BC016425
TLR6:2490	16/16 to BC006702; 15/15 to BC017157
TLR7:2942	16/16 to AK020990; 15/15 to AF386076
TLR7:3157	15/15 to AF023225
TLR8:2630	15/15 to NM_008665
TLR8:2706	15/15 to NM_023912
TLR9:2081	15/15 to AK013159
TLR9:3386	16/16 to AK020739, NM_008646, NM_008029, M65238; 15/15 to NM_053079
TNFa:1326	17/17 to AK012400; 16/16 to BC006802, AK017241, AK005458; 15/15 to BC018554
TNFa:1495	17/17 to AK017605; 15/15 to NM_054053
TNFa:1508	16/16 to AK012187; 15/15 to NM_025488
TREM-1:482	15/15 to NM_009825
TREM-1:713	15/15 to BC006602
TREM-2:741	50/50 to TREM-2a (NM_031253); 17/17 to BC010599; 15/15 to AY046056.
TREM-2:754	15/15 to NM_010411; 50/50 to TREM-2a (NM_031253)
TREM-3:633	
TREM-3:707	
Tuba1:1509	16/16 to NM_008611; 15/15 to NM_025904
Tuba1:1522	16/16 to NM_008611; 15/15 to NM_025904
Vimentin:1569	16/16 to NM_019445; 15/15 to BC012714.
Vimentin:1588	15/15 to NM_011623
y-box:1164	16/16 to NM_009567, NM_025360; 15/15 to NM_009341
Y-box:792	18/19 (13+5) to AK002260
Zeta-p:184	17/17 to NM_010207; 16/16 to NM_028780; 15/15 to NM_018855
Zeta-p:607	16/16 to NM_009757; 15/15 to AK016287