

Supplemental File 3. List of 281 DEGs identified for the D0-D18 contrast from both Amby_001 and Amby_002 at p-value < 0.1.

Gene Symbol	Probe Set ID Amby_001	Probe Set ID Amby_002	Mean Differential Expression Amby_001	Mean Differential Expression Amby_001	p-value Amby_001	p-value Amby_002
C22orf32	axo00017-f	SRV_05056	-0.195313	-0.162760417	0.08123757	0.03255
FAM3B	axo00300-f	SRV_05110	-0.093099333	-0.489908854	0.04245924	0.01435
S100A16	axo00342-f	SRV_05145	0.354166667	0.325520833	0.08898782	0.08850
TRIM69	axo00422-r	SRV_05176	-0.087890333	-0.185546875	0.06164394	0.02898
TMEM183A	axo00726-f	SRV_05211	-0.319010333	-0.328776042	0.05811318	0.00021
CCDC43	axo01010-r	SRV_05272	0.306640333	0.960286458	0.02519231	0.04433
DEGS1	axo01122-f	SRV_01936	0.205728667	0.081054688	0.02822686	0.04184
HMGA1	axo01322-r	SRV_08603	0.886719333	0.795572917	0.00685215	0.00167
GRPEL2	axo01498-f	SRV_04771	-0.316731667	-0.260742188	0.08148352	0.05763
DNAJB13	axo01854-r	SRV_02815	-0.333658667	-0.604817708	0.05963297	0.05397
PIGP	axo01868-f	SRV_03959	-0.275390333	-0.31640625	0.01477711	0.03281
IDH3G	axo02269-f	SRV_02095	-0.259765667	-0.346354167	0.01933558	0.00913
DMAP1	axo02558-f	SRV_07381	-0.238932667	-0.270182292	0.05520456	0.07330
OGT	axo02619-f	SRV_05580	-0.279296667	-0.134765625	0.02850877	0.07338
CENPV	axo02633-f	SRV_08376	-0.807942333	-0.479166667	0.01283518	0.00308
UBE2E3	axo02763-f	SRV_05611	-0.300781333	-0.2421875	0.01606802	0.0022
RBPM52	axo02902-r	SRV_03096	-0.294922	-0.847005208	0.00267559	0.02318
EBAG9	axo02978-r	SRV_02112	0.154948	0.13671875	0.01641932	0.03370
RPL7L1	axo03075-f	SRV_00590	-0.299479	-0.350911458	0.03247105	0.03555
KIAA1967	axo03248-r	SRV_10311	-0.420572667	-0.21484375	0.04896057	0.01287
SFT2D2	axo03270-f	SRV_05300	-0.211588667	-0.368489583	0.0464043	0.00727
TEAD4	axo03333-f	SRV_01775	-0.100260333	-0.430664063	0.07563873	0.01854
PPHLN1	axo03336-r	SRV_03973	-0.257487	-0.244791667	0.07003704	0.02884
RBM12B	axo03400-r	SRV_05402	0.107421667	0.057291667	0.05678204	0.07220

SELS	axo03419-r	SRV_04250	-0.384765333	-0.264973958	0.00675688	0.00064
SGCB	axo03736-f	SRV_10385	-0.138671333	-0.182291667	0.01546136	0.0901
LOC10012827	axo03880-f	SRV_09598	-0.254231667	-0.407877604	0.03034679	0.0426
LIG1	axo04151-r	SRV_00260	-0.170247333	-0.311197917	0.04474822	0.05759
LFNG	axo04220-f	SRV_05813	-0.528645333	-0.402994792	0.00050629	0.00431
SLC7A3	axo04425-f	SRV_04996	0.46875	0.421875	0.01283853	0.0011
C5orf43	axo04442-r	SRV_10088	0.340169333	0.251302083	0.0450002	0.00190
ALDOB	axo04828-r	SRV_00129	-0.685872333	-0.673177083	0.05946256	0.03148
CTNND1	axo04881-f	SRV_00863	-0.257161333	-0.305338542	0.06245157	0.06774
ENTPD1	axo04921-f	SRV_01177	0.145182333	0.250651042	0.05652385	0.01591
CTNNB1	axo04928-f	SRV_01237	0.146484	0.127604167	0.01045759	0.06043
CHCHD4	axo04941-r	SRV_05274	0.343424333	0.457682292	0.078972	0.00139
C7orf25	axo05077-r	SRV_04662	0.470703667	0.652018229	0.08430371	0.0461
OSGIN2	axo05485-f	SRV_02146	0.501953	0.552083333	0.0262508	0.03100
BLMH	axo05611-f	SRV_00321	0.945638	1.591796875	0.03548838	0.04100
C4orf16	axo05708-r	SRV_04275	0.672200667	0.580729167	0.00823414	0.01361
VWA5A	axo05823-f	SRV_03572	-0.458984667	-0.33203125	0.04808405	0.0609
DNMT1	axo05884-f	SRV_00888	-0.924153667	-0.7578125	0.00175451	0.00037
ZCCHC9	axo05940-f	SRV_04915	0.273763	0.192708333	0.03568472	0.09844
FIP1L1	axo06127-r	SRV_04808	0.344075	0.314453125	0.02580544	0.08348
FERMT2	axo06128-f	SRV_07505	-0.410156333	-0.333333333	0.04787464	0.02428
C5orf24	axo06188-f	SRV_05368	0.443359667	0.249348958	0.00239576	0.00741
FDPS	axo06252-f	SRV_01280	1.193685	1.018880208	0.00340832	0.0026
AIMP1	axo06426-f	SRV_02321	-0.436198	-0.237630208	0.00200072	0.04316
GPT2	axo06433-f	SRV_05191	0.322916333	0.2890625	0.04586511	0.07293
LOC387787	axo06645-r	SRV_07378	0.306640667	0.372721354	0.03244589	0.05924
IMPA1	axo06649-r	SRV_02574	0.256836333	0.133463542	0.06711961	0.01654
SLC37A2	axo06752-f	SRV_04309	0.161133	0.190755208	0.06580499	0.02599
TEF	axo06779-f	SRV_01777	-0.225585667	-0.282552083	0.09530652	0.02738

CSDA	axo06786-r	SRV_01926	-0.169921667	-0.216796875	0.00739799	0.05672
MKI67	axo06859-f	SRV_08476	-0.374674333	-0.653320312	0.04570646	0.04556
ANXA4	axo06934-f	SRV_00770	-0.643229	-0.47265625	0.01450486	0.06821
ALDH7A1	axo06990-r	SRV_00780	0.253906	0.252604167	0.04083155	0.02117
EIF4G2	axo07242-f	SRV_00931	0.288411333	0.212890625	0.00965163	0.00023
FAAH	axo07273-r	SRV_00949	-0.558268333	-0.583984375	0.0671486	0.09748
GCLC	axo07325-f	SRV_00966	0.436848667	0.337890625	0.01392253	0.03872
DNAJA1	axo07366-f	SRV_01028	-0.141927333	-0.082682292	0.09825518	0.08874
EIF3E	axo07386-r	SRV_01038	-0.274739667	-0.223958333	0.024213	0.09183
ACTG1	axo07409-r	SRV_01089	-0.161458333	-0.162760417	0.0739917	0.09541
COL2A1	axo07638-f	SRV_01205	-0.355794333	-0.337890625	0.06762163	0.07192
SLC31A1	axo07662-r	SRV_01215	0.397786667	0.40234375	0.02662002	0.06141
CYC1	axo07710-f	SRV_01246	0.280599	0.184895833	0.03903886	0.06291
EIF4E	axo07767-f	SRV_01264	0.319010333	0.2578125	0.01570413	0.03723
FTH1	axo07838-f	SRV_00167	-0.414062333	-0.447916667	0.09477894	0.04122
GFAP	axo07863-r	SRV_01304	-0.434244333	-0.331380208	0.03565715	0.06292
IARS	axo07952-f	SRV_03395	0.511393	0.427734375	0.01821295	0.02354
MSI1	axo08202-f	SRV_10183	-0.374348667	-0.514322917	0.00328335	0.00563
NDUFB5	axo08271-r	SRV_01456	0.179036667	0.143229167	0.02261545	0.05182
NME3	axo08287-f	SRV_10165	-0.259765667	-0.192057292	0.02123548	0.05955
PDK2	axo08363-r	SRV_01495	-0.617512667	-0.587239583	0.00495989	0.00400
PGD	axo08388-f	SRV_01504	0.692708	0.520833333	0.00125815	0.00302
PIM1	axo08403-f	SRV_01517	-0.355143333	-0.332682292	0.00936493	0.03799
PPL	axo08442-f	SRV_08086	-0.333333333	-0.396484375	0.00054697	0.04869
PRPS1	axo08496-r	SRV_01555	0.545572333	0.3046875	0.01329277	0.02405
PSMA3	axo08511-r	SRV_01565	0.260416667	0.248697917	0.01175473	0.02713
PSMA7	axo08514-f	SRV_01569	0.343099333	0.382161458	0.08536438	0.01226
PSMB2	axo08516-f	SRV_01570	0.422525667	0.36328125	0.03799382	0.00078
PSMB5	axo08522-f	SRV_01574	0.312499667	0.284505208	0.03064681	0.05932

PSMB6	axo08524-f	SRV_01575	0.217447667	0.243489583	0.04308497	0.07272
PSMB7	axo08526-f	SRV_01579	0.223958	0.221354167	0.03431458	0.02177
PSMD2	axo08536-f	SRV_01589	0.140624667	0.260416667	0.0210081	0.01445
PSMD8	axo08542-r	SRV_01596	0.304687667	0.2890625	0.010431	0.00388
PSMD12	axo08546-f	SRV_01603	0.44043	0.332682292	0.03906827	0.00720
PSMD13	axo08547-r	SRV_01607	0.334635667	0.341145833	0.00515675	0.01007
PTX3	axo08599-f	SRV_08179	-0.118164333	-1.087239583	0.0670586	0.02725
RBM4	axo08656-f	SRV_01645	0.082031	0.081380208	0.09088439	0.03482
SFTPD	axo08766-f	SRV_07632	-0.760416667	-0.623697917	0.03505881	0.09491
SFTPD	axo08767-f	SRV_01705	0.844401333	1.959960938	0.04422486	0.09192
RPS6KB1	axo08896-f	SRV_01756	0.311198	0.218424479	0.03731738	0.06160
TPM2	axo09018-f	SRV_05972	0.119140333	0.055664063	0.03007641	0.04445
TPP2	axo09020-f	SRV_01807	0.096028333	0.106770833	0.08024803	0.06600
UBA1	axo09065-f	SRV_01824	-0.197916667	-0.08984375	0.00540718	0.05080
UBE2D2	axo09071-r	SRV_01826	0.295573	0.220052083	0.02552447	0.00277
VBP1	axo09099-f	SRV_01854	0.292968667	0.19921875	0.00878755	0.01161
VDAC1	axo09104-f	SRV_07742	0.096354	0.0625	0.09784776	0.04885
YWHAH	axo09127-f	SRV_01866	0.501953333	0.465494792	0.00648681	0.00386
PTP4A1	axo09173-f	SRV_01876	0.230468667	0.10546875	0.00872081	0.06446
HMGCR	axo09309-f	SRV_08078	0.343099	0.252604167	0.02626454	0.02548
COPS3	axo09353-f	SRV_01929	0.347656333	0.205729167	0.01234901	0.00010
PPAP2B	axo09409-f	SRV_05535	-0.500651	-0.411458333	0.0252766	0.00690
EIF4EBP3	axo09428-f	SRV_01958	-0.766276	-1.18359375	0.0064109	0.00749
EIF3F	axo09465-f	SRV_01967	-0.301432	-0.201822917	0.05134702	0.01983
PEA15	axo09481-f	SRV_01974	0.444336	0.625976563	0.01063615	0.00857
NR3C2	axo09607-f	SRV_00540	0.550781333	1.350911458	4.53E-05	0.00472
ATIC	axo09727-f	SRV_02052	-0.659505667	-0.569661458	0.0002788	0.01570
15-Sep	axo09892-r	SRV_02130	0.225911333	0.169270833	0.0920883	0.02554
EEF1E1	axo09909-f	SRV_02132	0.487630333	0.371744792	0.00613125	0.02527

GDA	axo09923-r	SRV_02137	0.481770667	1.027994792	0.03387312	0.01140
COPA	axo10010-f	SRV_02164	0.286458333	0.263020833	0.08955808	0.05345
DDX10	axo10040-f	SRV_02187	-0.249999667	-0.141601563	0.03546274	0.01745
PRIM1	axo10085-r	SRV_00559	-0.596029	-0.702799479	0.0027809	0.02137
NARS	axo10181-r	SRV_02247	0.293294333	0.36328125	0.04472387	0.00439
NDUFB10	axo10209-r	SRV_02252	0.192708333	0.129557292	0.08518845	0.07344
RAB11A	axo10321-f	SRV_02290	0.515950667	0.094401042	0.08592509	0.07098
ETF1	axo10395-f	SRV_02310	0.666341333	0.614583333	0.00644165	0.00087
BAG4	axo10546-f	SRV_07204	0.188476667	0.045572917	0.0458669	0.02292
CCNC	axo10873-f	SRV_10248	0.248046667	0.725911458	0.04707259	0.01696
HSPA5	axo11000-f	SRV_02516	0.910156667	1.044921875	0.05033055	0.07185
HSPG2	axo11164-f	SRV_10155	-0.438151	-0.47265625	0.00853426	0.01845
IDH3A	axo11167-f	SRV_02573	0.358073	0.297526042	0.01265516	0.00034
DNM1L	axo11295-f	SRV_03240	0.170572667	0.162760417	0.09536259	0.06598
SAP18	axo11465-f	SRV_02704	0.228516	0.047526042	0.05679894	0.04160
EIF1B	axo11469-r	SRV_02707	0.169271	0.125651042	0.00904637	0.05914
S100A2	axo11587-f	SRV_02216	-0.930664333	-1.893554688	0.03951517	0.02259
TUBA1A	axo11614-r	SRV_02754	0.281249667	0.204427083	0.04096736	0.00788
MANF	axo11615-f	SRV_02761	0.539062667	0.513671875	0.03286183	0.04876
PIM3	axo11749-r	SRV_08097	0.736002667	0.517578125	0.0125973	0.03501
NFYB	axo11779-f	SRV_02820	0.328125	0.227213542	0.01902424	0.01755
RAD21	axo11885-f	SRV_10294	-0.249349	-0.250651042	0.08793171	0.00263
SSR4	axo11906-f	SRV_02862	-0.305338	-0.28125	0.00441279	0.00201
APPBP2	axo12018-r	SRV_10071	0.320963333	0.192057292	0.07422041	0.02184
ANP32B	axo12040-f	SRV_09739	-0.252604	-0.232421875	0.01833558	0.05530
AGR2	axo12049-f	SRV_02912	-1.392904	-1.6875	0.0791857	0.04986
MTHFD2	axo12280-f	SRV_03007	-0.216145667	-0.252604167	0.01199035	0.02468
RUVBL2	axo12306-f	SRV_03011	-0.122070333	-0.247395833	0.04831204	0.01715
COPS8	axo12340-f	SRV_03026	0.325521	0.152994792	0.00232356	0.04988

UGP2	axo12386-f	SRV_03049	-0.220377333	-0.3984375	0.04457263	0.01033
YWHAE	axo12391-f	SRV_10365	0.096354333	0.087239583	0.015538	0.00586
CCNI	axo12477-r	SRV_03086	-0.403645667	-0.321614583	0.04226659	0.01460
RNF113A	axo12598-r	SRV_03126	-0.461588333	-0.583007813	0.01754434	0.00662
PWP1	axo12667-r	SRV_03144	-0.544921333	-0.529296875	0.0501444	0.08015
CHP	axo12810-f	SRV_05719	0.157552333	0.115234375	0.01708842	0.04202
VPS45	axo12821-r	SRV_08683	0.337565333	0.154947917	0.00499164	0.0277
TARDBP	axo12912-f	SRV_03236	0.204426333	0.4375	0.06929974	0.06417
TARDBP	axo12913-f	SRV_03237	0.089192333	0.1484375	0.07448593	0.02783
AHSA1	axo12959-f	SRV_07996	0.661458667	0.4140625	0.00382876	0.02001
AATF	axo12973-r	SRV_03261	-0.189127333	-0.2109375	0.07710948	0.09078
XRN2	axo13051-f	SRV_03286	-0.286458333	-0.272786458	0.02792322	0.02644
HBP1	axo13054-f	SRV_09933	-0.501953333	-0.475585937	0.00606265	0.00245
G3BP2	axo13089-r	SRV_06722	0.226237	0.30859375	0.02953402	0.01298
MAPRE1	axo13129-f	SRV_03310	0.105469	0.145182292	0.01538897	0.06336
SF3B1	axo13219-f	SRV_03336	-0.244140667	-0.12890625	0.01350686	0.03879
MYLPF	axo13329-f	SRV_03368	-0.483398	-0.526367188	0.01945141	0.06340
PYCR2	axo13361-f	SRV_09240	-0.334635333	-0.259765625	0.055378	0.03210
ALG5	axo13365-f	SRV_03374	0.171224333	0.294596354	0.00371405	0.03206
MKRN1	axo13408-f	SRV_03404	0.170898333	0.264322917	0.05697808	0.01647
NDUFAF4	axo13523-r	SRV_04412	0.401693	0.55078125	0.02623113	0.06339
ETHE1	axo13643-f	SRV_03496	-0.338867333	-0.712239583	0.02620025	0.01878
C22orf28	axo13650-r	SRV_03501	0.159505	0.192708333	0.06197269	0.04655
MTCH2	axo13679-f	SRV_03514	-0.239583	-0.309244792	0.09014889	0.00424
CACYBP	axo13752-r	SRV_09258	-0.207682	-0.203776042	0.02991957	0.00472
PDCD4	axo13782-r	SRV_03540	-0.225260333	-0.162760417	0.06050843	0.01300
ZNF330	axo13813-f	SRV_03550	0.246745	0.303385417	0.0413908	0.01446
ERO1L	axo13866-f	SRV_03562	0.386068	0.576171875	0.05937629	0.00056
LAPTM4A	axo14032-f	SRV_03585	-0.088541333	-0.115234375	0.09214375	0.05359

MTSS1	axo14063-f	SRV_03594	0.225586	0.36328125	0.01934234	0.08744
KIAA0174	axo14080-r	SRV_07966	-0.166015667	-0.114583333	0.01720266	0.0603
TOMM70A	axo14142-r	SRV_03611	0.267903333	0.108072917	0.03486636	0.01110
KIAA0020	axo14208-f	SRV_03626	-0.556966	-0.513671875	0.01815824	0.00696
KIAA0831	axo14255-f	SRV_07537	-0.197916333	-0.380208333	0.0227982	0.02208
ERP44	axo14458-r	SRV_02375	0.13737	0.173828125	0.02189158	0.06058
OTUD3	axo14749-f	SRV_09177	0.158854333	0.283203125	0.02467154	0.00845
SYF2	axo15070-f	SRV_03721	-0.459635667	-0.423177083	0.07490945	0.06785
LSM14A	axo15149-f	SRV_03731	-0.195963667	-0.141276042	0.09636229	0.06539
C1orf77	axo15163-f	SRV_03738	0.277994667	0.251953125	0.02484188	0.03992
ZNF593	axo15294-f	SRV_03769	-0.677734333	-0.984700521	0.00531884	0.01670
MRPS7	axo15395-r	SRV_03800	-0.612304667	-0.603515625	0.05940727	0.03309
METTL9	axo15448-r	SRV_03825	0.272135333	0.28125	0.07037313	0.07591
SBDS	axo15460-f	SRV_03830	-0.427734333	-0.352864583	0.00585231	0.00968
DERL2	axo15463-r	SRV_03833	0.264323	0.209635417	0.04515967	0.05900
FIS1	axo15488-r	SRV_03847	-0.371093667	-0.295572917	0.04527804	0.00682
PTRH2	axo15499-f	SRV_07905	0.198568	0.2734375	0.04368655	0.08881
CHCHD2	axo15558-f	SRV_03886	0.327474	0.227213542	0.03705908	0.01210
HN1	axo15596-f	SRV_03899	0.384765333	0.32421875	0.05702346	0.0245
VPS28	axo15609-f	SRV_03905	0.236328	0.111979167	0.00341558	0.04387
HP1BP3	axo15685-r	SRV_08659	-0.160156	-0.21875	0.03078806	0.00483
TRAP1	axo15687-f	SRV_03927	0.429362	0.315104167	0.00502285	0.00649
DNAJB11	axo15702-r	SRV_03933	0.772135667	0.5859375	0.00049005	0.02499
CMPK1	axo15703-f	SRV_03934	0.659505667	0.604817708	0.08402393	0.08292
C20orf43	axo15777-f	SRV_03956	-0.326172	-0.206380208	0.03616439	0.00955
MRPL51	axo15829-f	SRV_03979	-0.190104	-0.125651042	0.09591845	0.09140
PPP2CB	axo15886-r	SRV_02100	0.188151	0.134114583	0.00819275	0.00242
WDR1	axo15995-f	SRV_09889	0.137369667	0.083984375	0.00524305	0.08180
PNRC2	axo16241-r	SRV_06043	-0.434244667	-0.402994792	0.0029709	0.06178

LRRC40	axo16244-r	SRV_04069	0.53418	0.561197917	0.01370268	0.09124
CDKAL1	axo16248-f	SRV_04071	-0.376627333	-0.376953125	0.00479312	0.04827
C20orf11	axo16379-f	SRV_04102	0.180013	0.188151042	0.03091308	0.03475
NPLOC4	axo16403-f	SRV_04109	0.334310333	0.337890625	0.06573488	0.04386
TTC38	axo16414-r	SRV_04112	-0.138021	-0.220377604	0.07911091	0.06636
INTS10	axo16619-f	SRV_04168	0.479166667	0.820963542	0.07377643	0.06508
ATF7IP	axo16656-f	SRV_08824	-0.237956	-0.196289063	0.05920906	0.0966
TMEM63B	axo16905-r	SRV_06464	0.198893333	0.235677083	0.01375015	0.00579
C20orf24	axo17058-f	SRV_04293	0.264974	0.276041667	0.09064379	0.06910
U2AF2	axo17344-r	SRV_03215	-0.199218667	-0.118489583	0.03008902	0.09107
GAMT	axo17374-r	SRV_00169	-0.618489667	-0.617838542	0.01543318	0.02758
CIAPIN1	axo17463-f	SRV_04410	-0.217447667	-0.171223958	0.07204481	0.09308
XPNPEP1	axo17531-f	SRV_04417	0.169922	0.2265625	0.04884782	0.00856
SLC3A2	axo17762-f	SRV_10177	-0.507161333	-0.466796875	0.07019066	0.08431
ARHGAP21	axo17776-f	SRV_04464	0.116862333	0.094401042	0.08967951	0.01638
LRRN1	axo17826-f	SRV_04466	0.160807667	0.059244792	0.05834988	0.09194
C6orf115	axo18117-r	SRV_05942	0.261067667	0.12109375	0.00937577	0.03422
CARS	axo18314-f	SRV_01165	0.242187333	0.469401042	0.06680574	0.06710
LHPP	axo18324-r	SRV_04596	-0.260091	-0.588541667	0.00438925	0.06771
MLF1	axo18390-r	SRV_04611	-0.279296667	-0.592447917	0.03525505	0.00155
RFWD2	axo18400-f	SRV_09705	-0.491211	-0.479817708	0.02961615	0.04251
WDR18	axo18716-f	SRV_04677	-0.379557667	-0.334635417	0.06404376	0.02459
WDR77	axo18717-r	SRV_04678	0.504882667	0.561197917	0.04766649	0.05009
NKAP	axo18794-r	SRV_04695	-0.205729	-0.205078125	0.07526636	0.01734
AKIRIN1	axo18852-f	SRV_04706	0.238281	0.178385417	0.07863371	0.00097
HECTD3	axo18860-f	SRV_05712	0.161458333	0.229817708	0.0750265	0.00083
SFRS14	axo18869-f	SRV_06410	-0.397787	-0.350260417	0.00424865	0.00690
SNIP1	axo18975-f	SRV_10154	0.341145667	0.3671875	0.04126285	0.02196
CCDC58	axo19209-r	SRV_07717	0.416666333	0.311848958	0.02490136	0.05496

MRPL9	axo19573-f	SRV_04854	-0.574544	-0.502604167	0.00049287	0.00686
FAM107B	axo19597-f	SRV_10157	-0.307942667	-0.553059896	0.0303495	0.02141
EIF1AD	axo19876-f	SRV_04925	-0.301107	-0.541015625	0.0199313	0.00481
C16orf13	axo19901-f	SRV_10010	-0.090169333	-0.166015625	0.07401244	0.03491
TUBB6	axo20006-r	SRV_04964	0.642253	0.649739583	0.01307197	0.02677
RTN4IP1	axo20081-r	SRV_04987	0.434895667	0.728841146	0.03993093	0.06700
CBR4	axo20097-f	SRV_04992	-0.27181	-0.360026042	0.03056101	0.00072
MFSD5	axo20188-f	SRV_05011	-0.136718667	-0.246744792	0.00892309	0.03023
PIGS	axo20319-r	SRV_05052	-0.481119333	-0.333984375	0.01378815	0.07001
BTBD6	axo20333-r	SRV_05054	-0.213867333	-0.422526042	0.01830143	0.00256
CDKN1C	axo20346-f	SRV_00140	0.802083333	0.658854167	0.00182152	0.00026
unknown	axo20448-f	SRV_00614	-0.152343667	-0.146484375	0.08246489	0.00889
RPS29	axo20469-f	SRV_00702	-0.143880667	-0.255859375	0.01076101	0.00458
FUBP1	axo20727-f	SRV_02010	-0.296223667	-0.282552083	0.02845711	0.04556
MRPL42	axo21016-f	SRV_03428	-0.214843667	-0.251302083	0.07223855	0.00764
GADD45B	axo21092-f	SRV_03753	0.235026333	0.14453125	0.01420152	0.06904
HIATL1	axo21334-f	SRV_04965	0.299479	0.302083333	0.00857332	0.01054
unknown	axo21620-f	SRV_06632	0.321940333	0.268554688	0.03691965	0.01563
unknown	axo22261-f	SRV_08799	-0.931966	-1.202148438	0.06787385	0.05980
unknown	axo23440-r	SRV_09154	0.199218333	0.243815104	0.03880173	0.04111
unknown	axo23634-f	SRV_06743	-0.145182333	-0.264648438	0.0503144	0.07048
GADD45GIP1	axo24328-r	SRV_05073	0.258463333	0.303385417	0.02961626	0.02364
unknown	axo24354-r	SRV_07803	-0.544596333	-0.653645833	0.05617067	0.07507
unknown	axo25250-f	SRV_08721	0.423177333	0.526041667	0.07164525	7.72E-
unknown	axo25549-f	SRV_10198	-0.303385667	-0.339192708	0.02025042	0.00300
unknown	axo25972-f	SRV_09703	-0.233724	-0.298177083	0.04470127	0.02048
unknown	axo26184-f	SRV_07408	-0.180664	-0.097981771	0.00114548	0.08002
unknown	axo27303-f	SRV_08960	0.119466333	0.105794271	0.06462215	0.08449
unknown	axo27641-f	SRV_06422	-0.393229333	-0.309895833	0.05983734	0.02371

unknown	axo27878-f	SRV_10142	0.201171667	0.233723958	0.03084739	0.00170
unknown	axo28139-f	SRV_06667	-0.163737	-0.147135417	0.05601632	0.01300
unknown	axo28231-f	SRV_08712	0.161783667	0.545247396	0.0552456	0.00808
unknown	axo28339-f	SRV_08751	0.233073	0.111979167	0.02119738	0.06295
unknown	axo29132-f	SRV_10026	0.540364667	0.243164063	0.01452654	0.09001
unknown	axo29395-f	SRV_09160	-0.231445333	-0.264973958	0.04130799	0.04300
unknown	axo29789-f	SRV_05710	1.374349	2.113932292	0.00208113	0.01190
unknown	axo30045-f	SRV_07800	-0.207031333	-0.166666667	0.0977039	0.00117
unknown	axo30287-f	SRV_05733	-0.268880667	-0.393229167	0.02347267	0.01242
unknown	axo30766-f	SRV_09824	0.10319	0.056640625	0.02802166	0.09447
unknown	axo31258-f	SRV_09942	-0.385742	-0.333984375	0.01049811	0.03876
unknown	axo31309-f	SRV_04478	-0.368489667	-0.267252604	0.066827	0.01116
unknown	axo31320-f	SRV_05709	2.098958667	1.983072917	0.00927633	0.00812
unknown	axo31481-f	SRV_08851	-0.235025667	-0.32421875	0.06056079	0.08408
unknown	axo31491-f	SRV_09083	-0.220703333	-0.319010417	0.016747	0.02408
unknown	axo31504-f	SRV_09334	0.235677	0.219401042	0.05024618	0.09615
unknown	axo31523-f	SRV_09570	-0.852864333	-1.01953125	0.01635516	0.01715
unknown	axo31546-f	SRV_09869	-1.032552	-0.962890625	0.02275243	0.09110
unknown	axo31566-f	SRV_10202	0.532877667	0.536783854	0.01455763	0.01290
unknown	axo31574-f	SRV_10359	0.979818	0.917317708	0.09104573	0.04628
unknown	axo31611-f	SRV_06859	-0.566406333	-0.477213542	0.02242705	0.01454
unknown	axo31629-f	SRV_07847	-0.744140667	-0.577799479	0.02009628	0.01953
unknown	axo31653-f	SRV_09319	-0.452799667	-0.516927083	0.0373843	0.02039
unknown	axo31672-f	SRV_10397	-0.231770667	-0.280598958	0.01943473	0.00754
unknown	axo31705-f	SRV_07067	-0.676432333	-0.610026042	0.06128228	0.03308