Supplemental Digital Content 3: List of 500 genes (gene signature) used to train multiclass support vector machine muscle disease classifier. F-statistic, p-values, and adjusted p-values using the Benjamini-Hochberg correction are reported. A Fisher's exact test was conducted to determine whether the gene signature was enriched with muscle specific genes. This test was conducted by creating 2x2 contingency tables with columns corresponding to gene signature membership and rows corresponding to muscle gene database membership. P-values were calculated under the null hypothesis of independence using a hypergeometric distribution. The muscle gene database used for determining muscle specificity was The Human Protein Atlas skeletal muscle-specific proteome (https://www.proteinatlas.org/humanproteome/tissue/skeletal%20muscle).

Gene	F-statistic	P-value	Adjusted P-value	Muscle Specific Gene? (Y/N)
C1S	26.281	0.000e+00	0.000e+00	N
CD44	14.8	1.115e-13	0.000e+00	N
IQGAP1	13.31	2.694e-12	0.000e+00	N
CLTC	13.217	3.286e-12	0.000e+00	N
PTP4A1	12.687	1.028e-11	0.000e+00	Y
BZW1	11.257	2.244e-10	0.000e+00	N
ANXA5	10.235	2.052e-09	0.000e+00	N
CYB5R3	9.322	1.488e-08	0.000e+00	N
S100A10	14.801	1.114e-13	6.177e-14	N
PSAP	12.677	1.049e-11	6.177e-14	N
SDCBP	11.498	1.333e-10	1.123e-13	N
SERPING1	14.896	9.082e-14	2.574e-13	N
ANXA1	13.869	8.136e-13	4.752e-13	N
HTRA1	10.643	8.477e-10	8.383e-13	N
ENO1	8.195	1.720e-07	1.647e-12	N
ANXA4	11.161	2.758e-10	2.973e-12	N
COL6A3	14.419	2.511e-13	3.634e-12	N
ATP6AP2	17.007	1.110e-15	4.753e-12	N
LAMP1	16.633	2.220e-15	6.145e-12	N
ANXA2	22.813	0.000e+00	1.263e-11	N
TIMP1	15.682	1.710e-14	1.410e-11	N
HEXB	15.405	3.075e-14	1.410e-11	N
CELF2	27	0.000e+00	1.519e-11	N
CDKN1A	17.602	2.220e-16	1.519e-11	N
RGS2	14.666	1.485e-13	1.653e-11	N
S100A13	12.869	6.946e-12	1.711e-11	N
CCNG2	10.868	5.208e-10	2.588e-11	N
FAM13A	11.536	1.229e-10	3.250e-11	N
SAT1	18.674	0.000e+00	3.291e-11	N
GADD45A	19.58	0.000e+00	4.460e-11	Y
ACTC1	22.359	0.000e+00	4.654e-11	N
MN1	13.993	6.246e-13	4.654e-11	Y
CILP	17.473	4.441e-16	4.693e-11	N
CHRNA1	19.218	0.000e+00	4.712e-11	Y
IFI16	12.304	2.340e-11	4.712e-11	N
TGFBR2	10.471	1.230e-09	4.827e-11	N
CLIC1	12.205	2.896e-11	5.024e-11	N
CYFIP1	11.979	4.722e-11	5.803e-11	N
CAPN2	8.436	1.019e-07	5.803e-11	N
LGALS3	10.878	5.093e-10	6.570e-11	N
TUBA1A	11.2	2.535e-10	7.037e-11	N
TUBB6	13.875	8.037e-13	8.413e-11	N
CETN2	14.046	5.567e-13	1.267e-10	N

TUBA1C	10.754	6.655e-10	1.267e-10	N
PRKCQ	12.782	8.379e-12	1.602e-10	Y
C1R	17.843	2.220e-16	1.629e-10	N
OSBPL8	15.26	4.197e-14	1.785e-10	N
CAMK2G	14.07	5.298e-13	1.905e-10	Y
FTL	10.304	1.765e-09	3.514e-10	N
CFH	12.238	2.698e-11	3.865e-10	N
S100A6	11.687	8.866e-11	4.571e-10	N
C3	19.093	0.000e+00	5.497e-10	N
TMEM43	11.919	5.374e-11	5.506e-10	N
NDUFB11	14.273	3.431e-13	5.737e-10	Y
LRRC20	9.759	5.763e-09	6.755e-10	Y
DCUN1D2	11.142	2.878e-10	7.343e-10	Y
COL5A2	10.471	1.229e-09	1.010e-09	N
CTNNA1	9.82	5.047e-09	1.122e-09	N
CNDP2	11.479	1.390e-10	1.259e-09	N
CANX	10.534	1.073e-09	1.259e-09	N
CLIC4	9.674	6.924e-09	1.259e-09	N
SATB1	7.818	3.901e-07	1.259e-09	N
UCKL1	14.115	4.809e-13	1.279e-09	N
CAP1	11.781	7.240e-11	1.460e-09	N
ACTR3	9.246	1.753e-08	1.537e-09	N
TGFBI	10.764	6.520e-10	1.567e-09	N
IL1R1	9.543	9.210e-09	1.961e-09	N
VCAN	12.137	3.359e-11	2.199e-09	N
SCPEP1	10.057	3.016e-09	2.919e-09	N
CD58	8.427	1.039e-07	3.177e-09	N
CBFB	11.46	1.447e-10	3.422e-09	N
ATP1B3	10.149	2.474e-09	3.426e-09	N
LYZ	10.666	8.064e-10	3.463e-09	N
TMSB10	12.362	2.068e-11	3.895e-09	N
B2M	11.694	8.732e-11	4.558e-09	N
DUSP26	8.738	5.295e-08	4.748e-09	Y
DYNC1I2	7.947	2.951e-07	4.956e-09	N
ARPC5	7.968	2.818e-07	5.095e-09	N
PNMA1	6.999	2.311e-06	5.222e-09	N
LUM	12.106	3.591e-11	5.625e-09	N
CFL1	9.314	1.514e-08	7.272e-09	N
IFITM2	8.131	1.980e-07	7.521e-09	N
EFEMP1	10.739	6.882e-10	8.395e-09	N
COX6A2	11.278	2.143e-10	8.446e-09	Y
PHF11	11.675	9.087e-11	8.578e-09	N
NES	9.437	1.158e-08	8.578e-09	N
PON2	7.447	8.743e-07	8.578e-09	N
SH3BGRL	8.59	7.289e-08	8.621e-09	N
SH3BP5	11.17	2.710e-10	8.800e-09	N
SGCA	7.799	4.069e-07	8.800e-09	Y
EIF3D	12.923	6.189e-12	9.044e-09	N
RAB31	10.475	1.218e-09	1.018e-08	N
BZW2	9.545	9.174e-09	1.093e-08	Y
TUBA1B	9.893	4.307e-09	1.143e-08	N
VIM	9.215	1.878e-08	1.160e-08	N
HLA.DPB1	7.062	2.012e-06	1.402e-08	N
YWHAZ	10.209	2.172e-09	1.446e-08	N
LIMA1	10.479	1.210e-09	1.464e-08	N
IDH2	16.335	4.219e-15	1.558e-08	Y
GNS	10.349	1.600e-09	1.588e-08	N
DYNLL1	8.666	6.179e-08	1.778e-08	N
ZFP36L1	13.961	6.681e-13	1.798e-08	N

MGP	10.68	7.822e-10	1.841e-08	N
ANGPTL2	13.457	1.964e-12	2.027e-08	N
PREPL	11.443	1.502e-10	2.039e-08	N
ARHGAP1	8.321	1.309e-07	2.039e-08	N
MACF1	11.51	1.297e-10	2.077e-08	N
GBP2	12.227	2.766e-11	2.127e-08	N
MAPRE1	7.837	3.747e-07	2.144e-08	N
ZFP36L2	7.205	1.478e-06	2.192e-08	N
RND3	10.679	7.843e-10	2.307e-08	N
HIGD2A	9.159	2.118e-08	2.412e-08	N
PITPNB	8.415	1.068e-07	2.618e-08	N
LAMA2	13.448	2.004e-12	2.843e-08	N
PRKAR1A	8.822	4.410e-08	2.843e-08	N
TUBB2A	8.477	9.326e-08	2.843e-08	N
MSN	8.04	2.411e-07	2.843e-08	N
GSN	7.673	5.346e-07	2.843e-08	N
PDCD6IP	6.361	9.176e-06	2.843e-08	N
PRNP	8.64	6.539e-08	2.920e-08	N
CTSB	7.62	6.000e-07	3.287e-08	N
MFN2	14.027	5.806e-13	3.337e-08	Y
CAPRIN2	14.295	3.271e-13	3.533e-08	N
ARHGDIB	7.451	8.658e-07	3.604e-08	N
COL6A1	9.553	9.015e-09	3.836e-08	N
RPL3L	14.727	1.303e-13	4.120e-08	Y
RPS27L	14.017	5.929e-13	4.183e-08	N
FBLN5	7.941	2.990e-07	4.358e-08	N
PTEN	10.479	1.208e-09	4.533e-08	N
EPM2A	9.879	4.434e-09	4.533e-08	Y
LASP1	8.642	6.522e-08	4.533e-08	N
ATP1A1	8.811	4.510e-08	5.098e-08	N
COL1A1	9.898	4.263e-09	5.341e-08	N
THBS4	8.027	2.481e-07	5.689e-08	Y
TRAM1	10.268	1.910e-09	5.875e-08	N
HIF1A	10.037	3.149e-09	5.941e-08	N
PPT1	8.023	2.500e-07	5.941e-08	N
RAD23A	8.897	3.744e-08	5.952e-08	Y
IFITM1	8.811	4.512e-08	7.166e-08	N
APLP2	8.18	1.778e-07	8.235e-08	N
CST3	6.917	2.758e-06	8.264e-08	N
GOT2	14.724	1.310e-13	8.449e-08	Y
CREG1	7.172	1.587e-06	8.948e-08	N
HLA.DPA1	8.373	1.169e-07	9.041e-08	N
ATP5D	9.819	5.061e-09	9.387e-08	N
TRIP10	9.553	9.015e-09	9.387e-08	Y
CD81	8.778	4.850e-08	9.839e-08	N
MAPK1	11.124	2.991e-10	1.033e-07	N
ACLY	7.238	1.376e-06	1.041e-07	N
LRP10	9.481	1.052e-08	1.133e-07	N
RNF123	11.027	3.692e-10	1.170e-07	Y
ARHGEF6	10.467	1.240e-09	1.170e-07	N
DSTN	7.229	1.403e-06	1.219e-07	N
SEPT9	8.032	2.451e-07	1.333e-07	N
HRASLS	8.765	4.989e-08	1.522e-07	Y
UBE2D1	8.838	4.257e-08	1.548e-07	Y
SRGN	8.47	9.468e-08	1.548e-07	N
PGAM2	12.09	3.717e-11	1.553e-07	Y
GPD1L	9.791	5.376e-09	1.553e-07	Y
NQO1	7.148	1.673e-06	1.553e-07	N
IRAK1	8.263	1.484e-07	1.592e-07	N

HPRT1	8.891	3.795e-08	1.725e-07	N
SRP72	10.257	1.955e-09	1.742e-07	N
ARL6IP5	8.449	9.915e-08	1.817e-07	N
MACROD1	9.06	2.627e-08	1.885e-07	Y
GMFB	6.771	3.786e-06	1.885e-07	N
GNG12	8.907	3.663e-08	2.407e-07	N
TM9SF2	6.352	9.372e-06	2.434e-07	N
DPT	10.206	2.183e-09	2.446e-07	N
PPP4R1	11.169	2.713e-10	2.476e-07	N
MTSS1	13.328	2.592e-12	2.478e-07	N
PFKFB1	8.554	7.886e-08	2.531e-07	Y
PYGM	10.989	4.002e-10	2.718e-07	Y
SMARCA4	10.209	2.171e-09	2.725e-07	N
ARMCX1	11.064	3.404e-10	2.902e-07	N
TFPI	9.965	3.683e-09	3.256e-07	N
TM9SF3	9.286	1.610e-08	4.138e-07	N
LMCD1	9.566	8.753e-09	4.248e-07	Y
PTPN3	14.065	5.353e-13	4.597e-07	Y
MMP2	10.576	9.797e-10	5.046e-07	N
SHC1	7.878	3.430e-07	5.052e-07	N
SAE1	7.385	9.999e-07	5.052e-07	N
KANK2	6.179	1.362e-05	5.052e-07	N
MDH2	10.834	5.602e-10	5.363e-07	Y
LITAF	10.448	1.291e-09	5.453e-07	N
ADAM10	6.764	3.844e-06	5.498e-07	N
PSME1	7.096	1.869e-06	5.963e-07	N
AKR1C3	6.224	1.234e-05	6.104e-07	N
STAT6	7.306	1.186e-06	6.291e-07	N
NREP	11.144	2.862e-10	6.308e-07	N
PNPLA4	10.601	9.286e-10	6.308e-07	N
GRB10	9.765	5.683e-09	6.308e-07	N
DCN	9.697	6.586e-09	6.308e-07	N
PXMP2	9.301	1.557e-08	6.436e-07	N
PABPC3	7.969	2.812e-07	6.436e-07	N
GAMT	10.897	4.888e-10	6.504e-07	Y
KLHDC3	15.99	8.882e-15	6.717e-07	Y
TNFRSF1A	7.736	4.667e-07	6.717e-07	N
PRCP	6.876	3.015e-06	6.737e-07	N
TMEM87A	11.735	7.993e-11	6.946e-07	N
FYCO1	8.797	4.650e-08	6.946e-07	Y
CD9	6.673	4.674e-06	6.949e-07	N
CD47	8.945	3.374e-08	6.982e-07	N
COX7A1	6.231	1.216e-05	6.984e-07	Y
STK38	6.438	7.781e-06	7.236e-07	N
CACNA1S	6.146	1.461e-05	7.381e-07	Y
CYC1	13.799	9.446e-13	7.419e-07	Y
ENO3	8.356	1.212e-07	7.645e-07	Y
DHPS	8.2	1.704e-07	7.922e-07	N
CTTN	8.24	1.562e-07	8.214e-07	N
MCTS1	7.36	1.055e-06	8.214e-07	N
FHL3	7.227	1.408e-06	8.214e-07	Y
SLC25A12	9.298	1.568e-08	8.973e-07	Y
PGRMC1	6.947	2.581e-06	9.716e-07	N
SDC2	7.261	1.309e-06	9.821e-07	N
PDK2	10.073	2.914e-09	1.123e-06	Y
RHOA	6.377	8.872e-06	1.135e-06	N
FBLN1	6.348	9.449e-06	1.184e-06	N
FBN1	10.091	2.802e-09	1.211e-06	N
RGS3	15.561	2.220e-14	1.230e-06	N

STAM	10.124	2.611e-09	1.259e-06	N
STAT1	8.851	4.137e-08	1.277e-06	N
DIP2C	6.31	1.026e-05	1.306e-06	N
CHMP5	10.379	1.499e-09	1.312e-06	N
COX6B1	6.182	1.353e-05	1.332e-06	N
VAMP8	6.42	8.081e-06	1.339e-06	N
UBE2D4	6.38	8.815e-06	1.343e-06	Y
CS	12.22	2.805e-11	1.347e-06	Y
DSE	8.813	4.492e-08	1.347e-06	N
SP100	8.601	7.118e-08	1.365e-06	N
ARF4	6.618	5.272e-06	1.395e-06	N
SPAG7	12.518	1.478e-11	1.573e-06	Y
HNRNPR	9.459	1.104e-08	1.586e-06	N
CALD1	6.502	6.774e-06	1.592e-06	N
GYPC	6.961	2.507e-06	1.602e-06	N
TRIM38	7.078	1.946e-06	1.619e-06	N
ATP2B2	6.129	1.516e-05	1.643e-06	Y
TMCO1	6.568	5.868e-06	1.691e-06	N
LMNA	7.15	1.664e-06	1.840e-06	N
ELOVL5	6.328	9.857e-06	1.895e-06	N
GUSB	6.685	4.561e-06	2.102e-06	N
RAB11A	9.489	1.036e-08	2.229e-06	N
CKAP4	7.315	1.163e-06	2.410e-06	N
RAB13	6.271	1.117e-05	2.531e-06	N
ATP5H	8.814	4.484e-08	2.588e-06	N
GNAI3	8.365	1.191e-07	2.588e-06	N
ACADM	8.735	5.322e-08	2.731e-06	Y
ASPN	7.668	5.406e-07	2.872e-06	N
CNN3	7.065	2.002e-06	2.872e-06	N
ETF1	8.274	1.448e-07	2.924e-06	N
ADSL	6.715	4.272e-06	2.986e-06	Y
MARCKS	6.665	4.763e-06	2.999e-06	N
GNAQ	7.443	8.814e-07	3.117e-06	N
EMP3	6.494	6.887e-06	3.168e-06	N
COX10	11.192	2.580e-10	3.383e-06	Y
CEP85	11.173	2.691e-10	3.383e-06	Y
EMP1	8.37	1.178e-07	3.671e-06	N
HNRNPAB	6.998	2.313e-06	3.872e-06	N
FBXO3	8.742	5.245e-08	3.944e-06	N
AGFG1	11.615	1.036e-10	3.955e-06	N
AKAP12	6.77	3.792e-06	4.106e-06	N
PICALM	7.995	2.660e-07	4.461e-06	N
TMEM59	7.698	5.063e-07	4.498e-06	N
PHYH	8.543	8.084e-08	4.655e-06	Y
CYR61	8.278	1.437e-07	4.765e-06	N
SEPT11	6.307	1.031e-05	4.774e-06	N
ACO2	12.565	1.336e-11	4.991e-06	Y
PHB2	7.796	4.095e-07	4.991e-06	N
MAP4K4	6.131	1.508e-05	5.030e-06	N
TIMP3	6.426	7.975e-06	5.149e-06	N
SESN1	6.771	3.785e-06	5.159e-06	N
RASGRP3	6.603	5.446e-06	5.261e-06	Y
PDLIM2	8.798	4.642e-08	5.491e-06	N
CCNG1	6.241	1.189e-05	5.506e-06	N
ZNF672	9.543	9.198e-09	5.540e-06	N
DDAH1	7.198	1.501e-06	5.540e-06	N
SLC29A1	8.771	4.926e-08	6.064e-06	N
MYOZ3	8.79	4.723e-08	6.219e-06	Y
HLTF	7.22	1.430e-06	6.219e-06	N

KCTD12	6.722	4.205e-06	6.473e-06	N
TLE1	7.654	5.571e-07	6.744e-06	N
YWHAB	7.652	5.600e-07	7.639e-06	N
ADD3	6.475	7.184e-06	7.639e-06	N
MRS2	6.409	8.287e-06	8.639e-06	N
NONO	8.404	1.092e-07	8.643e-06	N
ALDOA	8.023	2.502e-07	8.807e-06	Y
SIRT2	14.631	1.599e-13	8.896e-06	Y
DYNLT3	6.717	4.257e-06	9.443e-06	N
SUCLG1	10.061	2.990e-09	9.808e-06	N
MLLT11	10.465	1.247e-09	9.941e-06	N
MRPL48	6.365	9.099e-06	9.941e-06	N
GLRX	8.55	7.963e-08	1.109e-05	Y
SLC25A3	10.628	8.747e-10	1.166e-05	N
ADAR	6.2	1.301e-05	1.166e-05	N
SAMM50	6.35	9.409e-06	1.199e-05	N
NDUFS3	13.257	3.016e-12	1.210e-05	Y
MYH7	7.532	7.259e-07	1.288e-05	Y
ANP32B	9.309	1.530e-08	1.292e-05	N
TPI1	9.029	2.810e-08	1.311e-05	Y
SLC39A6	8.197	1.714e-07	1.311e-05	N
TCF7L2	7.165	1.612e-06	1.311e-05	N
ABCA1	6.874	3.025e-06	1.311e-05	N
AKAP1	8.27	1.462e-07	1.315e-05	Y
MRPS30	9.696	6.603e-09	1.332e-05	N
IL13RA1	7.548	7.017e-07	1.349e-05	N
ACAT1	9.717	6.314e-09	1.450e-05	N
CHCHD3	7.692	5.138e-07	1.452e-05	Y
KCNS3	7.731	4.721e-07	1.508e-05	Y
UBE2L6	6.478	7.131e-06	1.519e-05	N
PGM1	7.133	1.726e-06	1.543e-05	Y
EML1	7.713	4.902e-07	1.549e-05	N
AP3S1	7.373	1.026e-06	1.647e-05	N
GDI2	9.85	4.728e-09	1.749e-05	N
CXCL14	8.747	5.189e-08	1.749e-05	N
NSMCE4A	9.842	4.810e-09	1.773e-05	N
TPPP3	6.488	6.983e-06	1.854e-05	N
TMX1	8.382	1.147e-07	1.915e-05	N
SLC16A1	8.366	1.187e-07	2.054e-05	N
PLP2	10.471	1.230e-09	2.081e-05	N
SCN1B	6.278	1.099e-05	2.102e-05	Y
WDR1	7.611	6.114e-07	2.193e-05	N
FN1	7.878	3.424e-07	2.277e-05	N
HSPB11	8.377	1.159e-07	2.517e-05	N
RIN2	6.99	2.352e-06	2.532e-05	N
UBE2B	6.91	2.799e-06	2.552e-05	Y
WASF2	6.649	4.930e-06	2.665e-05	N
NAP1L1	10.69	7.651e-10	2.678e-05	N
VAT1	6.467	7.310e-06	2.678e-05	N
MYOM1	7.555	6.914e-07	2.691e-05	Y
CISD1	7.554	6.930e-07	2.700e-05	N
SLC25A4	12.224	2.780e-11	2.731e-05	Y
CCT2	7.383	1.003e-06	2.939e-05	N
TRMT112	9.529	9.497e-09	2.960e-05	N
MAPK12	6.527	6.409e-06	2.960e-05	Y
LRRC2	6.798	3.568e-06	3.211e-05	Y
FBP2	6.231	1.217e-05	3.324e-05	Y
DDX50	6.279	1.096e-05	3.354e-05	N
TCF12	6.982	2.394e-06	3.364e-05	N

COX5A	8.769	4.950e-08	3.384e-05	Y
MAGED2	8.685	5.935e-08	3.560e-05	N
RAP1B	7.334	1.117e-06	3.590e-05	N
BHLHE41	6.196	1.313e-05	3.592e-05	Y
OXA1L	7.446	8.759e-07	3.887e-05	N
THAP11	8.654	6.350e-08	3.913e-05	N
EIF4E2	8.653	6.367e-08	3.987e-05	N
HADH	8.064	2.287e-07	4.036e-05	N
COX5B	8.937	3.432e-08	4.195e-05	Y
TGOLN2	7.757	4.454e-07	4.244e-05	N
PMP22	9.807	5.194e-09	4.487e-05	N
TP63	8.392	1.122e-07	4.616e-05	Y
COX8A	8.409	1.082e-07	4.686e-05	Y
PPP1R3C	6.611	5.345e-06	4.943e-05	Y
DLG5	6.897	2.879e-06	4.953e-05	N
SNUPN	7.851	3.634e-07	5.110e-05	N
ACTN2	8.325	1.296e-07	5.121e-05	Y
DLD	6.199	1.302e-05	5.147e-05	N
ECHDC2	10.337	1.645e-09	5.638e-05	N
UQCRFS1	9.25	1.739e-08	5.656e-05	Y
RHOBTB1	6.492	6.919e-06	5.660e-05	Y
ATF4	6.807	3.501e-06	5.740e-05	N
MDH1	9.438	1.157e-08	5.785e-05	N
SYPL1	7.152	1.656e-06	5.816e-05	N
PIK3C2B	6.445	7.656e-06	6.168e-05	N
ECSIT	7.92	3.126e-07	6.444e-05	N
MLEC	7.617	6.036e-07	6.501e-05	N
MAP1B	6.714	4.278e-06	6.505e-05	N
DUSP13	6.613	5.330e-06	6.567e-05	Y
MYL3	8.637	6.584e-08	6.923e-05	Y
WDR45B	6.573	5.813e-06	6.982e-05	N
GTPBP8	6.874	3.027e-06	7.026e-05	N
ROCK1	7.568	6.713e-07	7.064e-05	N
ATP5O	7.162	1.621e-06	7.064e-05	N
FKBP3	6.549	6.120e-06	7.078e-05	Y
IDH3B	6.642	5.000e-06	7.389e-05	N
NDUFV1	13.756	1.037e-12	7.407e-05	Y
COQ3	7.943	2.977e-07	7.407e-05	N
SLC25A11	10.063	2.978e-09	7.453e-05	Y
CLIC5	6.323	9.973e-06	7.650e-05	Y
BLVRB	6.646	4.958e-06	8.301e-05	N
PPP1R1A	8.705	5.678e-08	8.435e-05	Y
LPAR1	8.388	1.132e-07	8.872e-05	N
FH	8.019	2.523e-07	9.116e-05	N
SIRT5	10.821	5.764e-10	9.274e-05	N
THYN1	7.251	1.336e-06	9.276e-05	N
MGEA5	6.555	6.034e-06	9.368e-05	N
MPC1	8.638	6.580e-08	9.637e-05	N
TAX1BP1	6.929	2.688e-06	9.739e-05	N
ATP6V1A	7.14	1.699e-06	1.015e-04	N
ATP5G1	7.447	8.745e-07	1.092e-04	N
BCL2	6.418	8.118e-06	1.143e-04	N
ATP2A2	7.049	2.072e-06	1.157e-04	Y
ATP5A1	8.937	3.431e-08	1.201e-04	N
ATP5B	12.649	1.113e-11	1.220e-04	N
AHNAK	7.073	1.965e-06	1.230e-04	N
ABI1	6.236	1.202e-05	1.239e-04	N
RAB22A	6.188	1.334e-05	1.279e-04	N
MRPL15	7.641	5.730e-07	1.280e-04	Y

NDUFB7	8.255	1.512e-07	1.314e-04	Y
MFAP5	7.151	1.662e-06	1.375e-04	N
WSB1	6.98	2.404e-06	1.377e-04	N
HCCS	6.241	1.189e-05	1.410e-04	N
RRAGC	8.345	1.243e-07	1.446e-04	N
MYOT	6.903	2.843e-06	1.562e-04	Y
DLAT	8.102	2.107e-07	1.580e-04	N
HAX1	6.965	2.486e-06	1.600e-04	N
NNT	8.938	3.426e-08	1.637e-04	Y
COX4I1	8.746	5.199e-08	1.672e-04	N
NDUFA10	7.777	4.266e-07	1.677e-04	N
COX7B	6.227	1.227e-05	1.701e-04	N
IRS1	6.767	3.820e-06	1.815e-04	N
TNNT1	6.675	4.655e-06	1.815e-04	Y
TNNC1	6.387	8.688e-06	1.818e-04	Y
PSMG2	7.188	1.532e-06	2.139e-04	N
AES	6.171	1.383e-05	2.142e-04	N
RAB5A	8.524	8.420e-08	2.247e-04	N
ETS2	6.979	2.410e-06	2.269e-04	N
SDHB	8.99	3.057e-08	2.408e-04	N
CLPP	7.94	2.997e-07	2.494e-04	N
ETFDH	6.856	3.151e-06	2.686e-04	N
MYCBP2	7.958	2.879e-07	2.687e-04	N
ERP44	7.06	2.021e-06	2.780e-04	N
UQCRC1	13.661	1.270e-12	2.790e-04	Y
PDGFRL	6.344	9.524e-06	2.805e-04	N
HGSNAT	7.387	9.960e-07	2.951e-04	N
NDUFC1	7.613	6.097e-07	2.957e-04	Y
CKM	7.674	5.341e-07	2.965e-04	Y
MT2A	6.568	5.873e-06	3.490e-04	N
CCDC28B	7.257	1.319e-06	3.541e-04	Y
TCAP	6.44	7.747e-06	3.648e-04	Y
IGF1	6.363	9.149e-06	3.745e-04	N
ARHGEF12	7.199	1.497e-06	3.820e-04	N
TACO1	8.701	5.734e-08	3.848e-04	N
POLR2G	6.352	9.371e-06	3.848e-04	N
PLCL1	6.275	1.106e-05	3.902e-04	N
CKMT2	11.001	3.903e-10	4.630e-04	Y
TRIP12	6.248	1.172e-05	4.704e-04	N
ALDH5A1	6.788	3.644e-06	5.234e-04	N
PTP4A3	7.367	1.039e-06	5.285e-04	Y
TLN2	6.665	4.764e-06	5.606e-04	N
PPIF	11.403	1.638e-10	6.063e-04	N
VDAC1	7.029	2.161e-06	6.188e-04	Y
MAP3K7	7.809	3.980e-07	6.288e-04	N
COQ9	10.39	1.465e-09	6.698e-04	Y
EHBP1	6.49	6.953e-06	6.977e-04	N
KALRN	6.35	9.405e-06	7.448e-04	N
COA7	6.399	8.467e-06	7.920e-04	N
PJA2	6.548	6.137e-06	8.726e-04	N
RPL31	6.307	1.033e-05	9.563e-04	N
GNL2	7.701	5.036e-07	9.750e-04	N
UQCR10	6.558	6.000e-06	1.175e-03	Y
PKM	6.132	1.506e-05	1.379e-03	Y
GOT1	9.63	7.618e-09	1.440e-03	Y
ANK1	7.153	1.653e-06	1.442e-03	Y
DCTPP1	6.528	6.407e-06	1.507e-03	N
ARID4B	6.351	9.377e-06	1.883e-03	N
NDUFA13	6.284	1.084e-05	1.899e-03	N

HERC1	6.231	1.217e-05	2.055e-03	N
GATM	7.51	7.612e-07	2.127e-03	N
MRPS7	6.776	3.745e-06	2.137e-03	N
GLRX5	10.651	8.333e-10	2.219e-03	N
SEL1L	6.211	1.270e-05	2.311e-03	N
NDUFA8	7.911	3.188e-07	2.343e-03	N
DCP2	7.098	1.861e-06	2.361e-03	N
ATP5G3	8.717	5.540e-08	2.381e-03	N
GYS1	6.307	1.033e-05	2.390e-03	Y
OFD1	6.202	1.293e-05	2.490e-03	N
MCM6	6.317	1.010e-05	2.511e-03	N
MRPL2	6.654	4.874e-06	2.612e-03	N
ETFB	7.488	7.991e-07	2.636e-03	N
RPP14	6.566	5.893e-06	2.849e-03	Y
TCF4	7.307	1.183e-06	3.155e-03	N
ZC3H7A	7.023	2.194e-06	3.173e-03	N
AUH	6.415	8.178e-06	3.415e-03	N
MAN1A2	6.226	1.229e-05	3.566e-03	N
MSRB2	6.924	2.715e-06	3.612e-03	N
MRPL16	6.718	4.248e-06	3.687e-03	N
NMRK2	7.657	5.544e-07	4.311e-03	Y
COA1	6.373	8.942e-06	4.541e-03	N
GRSF1	6.139	1.483e-05	6.259e-03	Y
UBE2E1	9.044	2.722e-08	6.794e-03	N
SMIM7	8.592	7.265e-08	7.021e-03	N
SDHA	6.803	3.532e-06	7.030e-03	Y
MT1G	6.158	1.423e-05	1.040e-02	N
CDK16	8.284	1.420e-07	1.160e-02	Y
NDUFS2	8.744	5.218e-08	1.278e-02	Y
PSMB1	6.521	6.498e-06	1.433e-02	N
PDHA1	6.421	8.072e-06	1.490e-02	Y
CRAT	7.233	1.389e-06	1.566e-02	Y
UBAC1	6.287	1.079e-05	1.611e-02	Y
DBI	6.254	1.157e-05	1.611e-02	N
HSPB6	7.349	1.080e-06	1.933e-02	Y
PRRC2C	6.823	3.380e-06	1.954e-02	N
ABCA5	7.53	7.298e-07	2.212e-02	Y
AIFM1	7.219	1.433e-06	2.656e-02	N
G0S2	6.757	3.898e-06	3.010e-02	N
GNG5	7.232	1.393e-06	3.562e-02	N
SMAD1	6.262	1.138e-05	3.651e-02	N
PSMA4	6.341	9.595e-06	7.091e-02	N
SFPQ	6.273	1.111e-05	8.704e-02	N
ACADVL	7.336	1.111e-06	1.245e-01	N