

**Supplemental Table 2. MI-Induced and Repressed Proteins**

GeneSymbol	Sham_Mean	MI_Mean	Log2FC_MI_vs_Sh	MI_vs_Sh
"Rab8b"	0	3.233498029	10.74144795	MI-induced
"Serpinf2"	0	3.111731037	10.33694676	MI-induced
"Krt19"	1.612177086	4.672675645	10.16675615	MI-induced
"Myh4"	2.235222281	5.167615716	9.741200139	MI-induced
"Zc3hav1"	0.780315506	3.656200264	9.553482375	MI-induced
"Rragd"	0	2.331045629	7.743565965	MI-induced
"Ndufa3"	1.091933933	3.342068021	7.474783643	MI-induced
"Naa25"	0	2.210171756	7.342031651	MI-induced
"Ldah"	0.511399591	2.687065448	7.227405536	MI-induced
"Thbs1"	0.829334297	2.96847713	7.106078678	MI-induced
"Fam184a"	0	2.137027777	7.099052613	MI-induced
"Gpx1"	1.037836264	3.161944221	7.056133898	MI-induced
"Plg"	1.392229154	3.46186742	6.875189503	MI-induced
"Apoa4"	1.024380252	3.079745303	6.827774907	MI-induced
"Msi2"	0.908186432	2.956656094	6.804868925	MI-induced
"Ivns1abp"	0.668395632	2.691495392	6.72059193	MI-induced
"Glb1l3"	0.646885292	2.656276148	6.675051939	MI-induced
"Traip"	0.919436604	2.923580952	6.657623415	MI-induced
"Ppp1r12b"	0	1.986511803	6.599049368	MI-induced
"Rpl17"	0.748384167	2.711596763	6.521651079	MI-induced
"Trdn"	0.574095214	2.535574223	6.515892227	MI-induced
"Acyp2"	1.052845878	2.970503122	6.370319474	MI-induced
"Ezr"	1.132084417	3.04661032	6.359917385	MI-induced
"Golt1b"	0.92278479	2.809562178	6.267738815	MI-induced
"Alpk3"	0	1.877605124	6.237269211	MI-induced
"Rpl10"	0.818607169	2.674872619	6.166380352	MI-induced
"Dusp27"	0.902036429	2.739879686	6.105183148	MI-induced
"Gclm"	1.009326907	2.829487228	6.046441708	MI-induced
"Tubb2a"	2.891284249	4.658967584	5.872116932	MI-induced
"Vtn"	1.989023574	3.700454471	5.685250378	MI-induced
"Mon2"	0	1.702557648	5.655774084	MI-induced
"Cdc42"	1.110608591	2.801111465	5.615728991	MI-induced
"Capg"	1.634413119	3.258660856	5.395634192	MI-induced
"Numa1"	0.901191189	2.509902891	5.344024601	MI-induced
"Slc2a1"	0.886161127	2.488677165	5.323443051	MI-induced
"Pakap"	0.979743598	2.570572941	5.284620687	MI-induced
"Sf3b1"	0.850545917	2.389789831	5.113257605	MI-induced
"Erh"	0.936845975	2.47574677	5.112117786	MI-induced
"Chrna10"	2.831383821	4.367833944	5.10397683	MI-induced

"Krt17"	3.084633829	4.618536011	5.095512752	MI-induced
"Cacna2d1"	1.115094573	2.626439402	5.02057885	MI-induced
"Cul5"	0	1.470316232	4.884284798	MI-induced
"Ccdc88c"	0.791739149	2.252398366	4.852204891	MI-induced
"Btbd1"	2.287129589	3.713299291	4.737633199	MI-induced
"Gykl1"	0.978712174	2.373364931	4.632936174	MI-induced
"Hspa1b"	2.747711117	4.138089317	4.618736407	MI-induced
"Hspa1a"	2.747711117	4.138089317	4.618736407	MI-induced
"Apob"	0.986726587	2.34220336	4.502796376	MI-induced
"Tgm5"	1.656589307	2.973305894	4.374037823	MI-induced
"Ckap5"	0.992024606	2.305162549	4.362149824	MI-induced
"Tubb6"	2.391831548	3.675433165	4.264032275	MI-induced
"S100a11"	1.144944759	2.388382556	4.130610953	MI-induced
"Rab8a"	2.142556729	3.37961651	4.109423642	MI-induced
"Tom1l2"	1.698376773	2.926538977	4.079866529	MI-induced
"Lcp1"	1.889813846	3.07516169	3.937640303	MI-induced
"Dhrs7c"	1.220608064	2.399089935	3.914832037	MI-induced
"Hrg"	1.534920029	2.699729136	3.8694121	MI-induced
"Itgb6"	1.944000636	3.100931534	3.843241253	MI-induced
"Gda"	1.662152224	2.813038407	3.823161146	MI-induced
"St3gal6"	1.889772343	3.0311781	3.791667851	MI-induced
"Nsfl1c"	1.725374447	2.848550587	3.731110375	MI-induced
"Hmcn1"	2.776342374	3.896254776	3.720268469	MI-induced
"Rpl3"	2.289071501	3.408464605	3.718543403	MI-induced
"Efhd2"	1.946738524	3.045406059	3.649694553	MI-induced
"Timm23"	1.344048207	2.431690361	3.613069029	MI-induced
"Snrpa"	1.802647862	2.887637915	3.604258942	MI-induced
"Eif3f"	1.546698421	2.629648746	3.597483109	MI-induced
"Acad10"	1.869952572	2.946153585	3.575062378	MI-induced
"Ddx47"	1.901057229	2.975640315	3.569687745	MI-induced
"Pgp"	1.432845781	2.497034135	3.535157192	MI-induced
"Pdlim7"	1.571000656	2.632848523	3.52738226	MI-induced
"Impa1"	1.617289725	2.671886003	3.503293005	MI-induced
"4930519G04Rik"	1.54591216	2.56424661	3.382833821	MI-induced
"Gpr156"	2.147614091	3.16117898	3.366989681	MI-induced
"Ddx17"	2.145126353	3.150686709	3.340399197	MI-induced
"Etf1"	1.668271308	2.671856471	3.333837751	MI-induced
"lpo7"	1.804715532	2.807355823	3.330698952	MI-induced
"Itgax"	2.042235455	3.036936004	3.304323698	MI-induced
"Etnk1"	1.693992628	2.681992223	3.282063612	MI-induced
"Ap1g1"	1.733763877	2.714890722	3.259232833	MI-induced
"Rab5a"	2.160675637	3.130047137	3.22018242	MI-induced

"Psmb3"	1.880872474	2.845759843	3.205286462	MI-induced
"Rps12"	1.652356012	2.606923898	3.171005877	MI-induced
"Asrgl1"	1.487198037	2.436754666	3.154358843	MI-induced
"Serpib1a"	2.785671289	3.730506698	3.138675289	MI-induced
"Tagln2"	1.915366722	2.85366916	3.11697323	MI-induced
"Rock1"	1.241740019	2.170889291	3.086567073	MI-induced
"Rpl18a"	2.038729751	2.931244579	2.964870082	MI-induced
"mt-Co3"	2.637691108	3.524065946	2.944473478	MI-induced
"Prkar2a"	1.672326306	2.555211301	2.932880469	MI-induced
"Slc27a4"	1.204588929	2.081751058	2.91386952	MI-induced
"U2af2"	1.760682078	2.628291348	2.882135607	MI-induced
"Atad1"	2.046160594	2.91091387	2.872648203	MI-induced
"Tmx4"	1.685647426	2.547210714	2.862051291	MI-induced
"Gspt1"	1.673758981	2.535035871	2.861099898	MI-induced
"Myo15"	1.788972466	2.647804467	2.852978153	MI-induced
"Lama4"	0.72935687	1.579574256	2.82436102	MI-induced
"Eif3b"	1.704025551	2.552384808	2.81818845	MI-induced
"Hdlbp"	2.465190103	3.31190301	2.812719395	MI-induced
"Hist1h1a"	2.391240886	3.231595831	2.7915987	MI-induced
"Sec24c"	1.506865533	2.345397577	2.785543154	MI-induced
"Eif4g2"	1.657146488	2.493621689	2.778710471	MI-induced
"Cox7a2"	2.120045185	2.948229879	2.751170004	MI-induced
"Copb2"	1.504716196	2.32352412	2.720021047	MI-induced
"Fscn1"	1.878810044	2.696202552	2.715319135	MI-induced
"Matr3"	1.570127819	2.367575347	2.649063348	MI-induced
"Rabggt"	0.687693627	1.478612601	2.627375963	MI-induced
"Sec23a"	1.830529293	2.610152046	2.589850728	MI-induced
"Rhot2"	1.471282553	2.24597888	2.573485493	MI-induced
"Myh11"	2.301677892	3.072206994	2.55964227	MI-induced
"Ank1"	2.35539304	3.09318908	2.450905393	MI-induced
"Atic"	2.009424851	2.744759265	2.442728049	MI-induced
"Ppp2r5a"	1.766983754	2.487002551	2.39185067	MI-induced
"Ccdc138"	2.147678654	2.842763961	2.309023409	MI-induced
"Esr1"	2.092385531	2.772195453	2.258279678	MI-induced
"Tm7sf3"	1.683830221	2.3467687	2.202233956	MI-induced
"Hsd17b11"	1.984883876	2.642648628	2.185047211	MI-induced
"Osbp18"	1.685701859	2.340267448	2.174419822	MI-induced
"Gk"	1.671440808	2.316625898	2.143258477	MI-induced
"Rad23b"	1.824523668	2.455654826	2.096572325	MI-induced
"Mlycd"	2.15288468	2.75822826	2.010907847	MI-induced
"Uggt1"	1.483218705	2.075256851	1.966708149	MI-induced
"Sacm1l"	1.659776908	2.240290793	1.928425386	MI-induced

"Mypn"	1.225907365	1.806339059	1.928152351	MI-induced
"Rbbp4"	1.434397785	2.0112392	1.916225702	MI-induced
"Rbbp7"	1.426936216	2.000093254	1.903986466	MI-induced
"Rtcb"	1.661239255	2.227736873	1.881864352	MI-induced
"Mylk"	1.64197513	2.176243113	1.774799821	MI-induced
"Mapk8"	1.474583918	2.005122573	1.762411263	MI-induced
"Mapk14"	1.470796453	2.001232676	1.76207099	MI-induced
"Mapk11"	1.459642739	1.989771969	1.761051183	MI-induced
"Mapk12"	1.442415179	1.97205417	1.759422647	MI-induced
"Mapk13"	1.417884764	1.94679058	1.75698709	MI-induced
"Mapk9"	1.408091307	1.936692402	1.755974829	MI-induced
"Mapk10"	1.381719021	1.909463777	1.753130134	MI-induced
"Rrbp1"	1.532163554	2.049388035	1.718182536	MI-induced
"Dnajc13"	0.95969371	1.45292222	1.638469645	MI-induced
"Fbxl7"	2.351582396	2.830842339	1.59206707	MI-induced
"Bcs1l"	1.99392802	2.444929947	1.498195971	MI-induced
"Apoa1"	4.048981573	4.465291761	1.38295251	MI-induced
"Emc1"	1.540919969	1.883722538	1.138765485	MI-induced
"Rpsa"	3.853113327	4.168710654	1.04839163	MI-induced
"Apeh"	2.830613148	3.142642414	1.036538785	MI-induced
"Ap2m1"	2.154818579	2.462262821	1.021307664	MI-induced
"Gm1043"	2.961194614	3.245901675	0.945776385	MI-induced
"Pgam1"	3.684660691	3.926672027	0.803944255	MI-induced
"Hist1h1d"	3.64601023	3.886773524	0.799798348	MI-induced
"Ivd"	4.224432931	4.442730549	0.725168991	MI-induced
"Tasor"	2.63104541	2.827061151	0.651150197	MI-induced
"Alb"	5.749158981	5.90854868	0.529481117	MI-induced
"Pgk2"	2.505309292	2.644448217	0.462209503	MI-induced
"Cox7c"	4.075657738	4.144225747	0.227777994	MI-induced
"Cul4a"	1.41709029	1.396575201	-0.068149648	MI-repressed
"Ugt2b38"	1.282280769	1.259039316	-0.077206437	MI-repressed
"Lamb1"	3.31800515	3.284812972	-0.110262027	MI-repressed
"Uqcrb"	4.250097482	4.21536965	-0.115363361	MI-repressed
"Pdhb"	5.129853956	5.09477378	-0.116533821	MI-repressed
"Hadha"	5.591299902	5.546723672	-0.148079033	MI-repressed
"Ak2"	3.753250748	3.707597256	-0.15165762	MI-repressed
"Mff"	1.932238068	1.87562142	-0.188076434	MI-repressed
"Fahd1"	3.474623831	3.417348894	-0.190263225	MI-repressed
"Capza2"	3.844059443	3.78550936	-0.194499166	MI-repressed
"Sod2"	4.420073512	4.357912176	-0.206495488	MI-repressed
"Vdac1"	5.270311678	5.203128851	-0.223176523	MI-repressed
"Dlst"	4.979140967	4.905934906	-0.243185269	MI-repressed

"Ndufa10"	4.624389624	4.549031348	-0.250334775	MI-repressed
"Etfb"	5.407955482	5.330170623	-0.258395709	MI-repressed
"Etfb"	5.244543043	5.16233349	-0.273094226	MI-repressed
"Hmgb1"	2.310416868	2.227661044	-0.274908895	MI-repressed
"Anxa4"	2.274872807	2.189468926	-0.283705553	MI-repressed
"Ndufv2"	4.374521677	4.288233237	-0.286643994	MI-repressed
"C1qbp"	4.112498685	4.020695656	-0.30496306	MI-repressed
"Got2"	5.598817115	5.499744335	-0.329112651	MI-repressed
"Acsl1"	5.099634341	4.997262515	-0.340071845	MI-repressed
"Ndufs3"	4.830667536	4.727055261	-0.344192528	MI-repressed
"Vdac3"	5.20888642	5.101753586	-0.355887571	MI-repressed
"Pccb"	4.07288566	3.963432591	-0.363595227	MI-repressed
"Acaa2"	5.444736561	5.32902584	-0.384382695	MI-repressed
"Crip2"	4.982205137	4.86385191	-0.39316091	MI-repressed
"Aldh6a1"	4.510805039	4.38988049	-0.401702655	MI-repressed
"Cpt2"	4.563323074	4.435209149	-0.425585248	MI-repressed
"Acot2"	4.426734601	4.297010675	-0.430933556	MI-repressed
"Nedd4l"	3.528908956	3.385460531	-0.476525353	MI-repressed
"Eif4a3"	2.074246714	1.928549275	-0.483996414	MI-repressed
"Adh5"	3.590884461	3.428216575	-0.540371017	MI-repressed
"Clasp1"	1.577390606	1.413577015	-0.544176969	MI-repressed
"Ddost"	3.166644492	2.996434211	-0.565426314	MI-repressed
"H2-Ke6"	3.677655771	3.499611173	-0.591451351	MI-repressed
"Uqcr11"	4.347087558	4.153127309	-0.644322	MI-repressed
"Acss1"	4.485964937	4.290991255	-0.64768855	MI-repressed
"Fanci"	3.198157169	2.996324587	-0.670473324	MI-repressed
"Calr"	2.524126798	2.29388738	-0.764838792	MI-repressed
"Eif3h"	1.591602144	1.348845985	-0.806418504	MI-repressed
"Rmdn1"	3.72172378	3.468887841	-0.83990281	MI-repressed
"Acad8"	3.307942278	3.049276258	-0.85926992	MI-repressed
"Selenbp1"	4.315227167	4.055933	-0.861356579	MI-repressed
"Arhgap20"	2.250669843	1.991103867	-0.86225951	MI-repressed
"Rack1"	3.365774598	3.103034186	-0.872804756	MI-repressed
"Prrc2b"	2.305317604	2.032248853	-0.907114755	MI-repressed
"Bckdha"	3.606879644	3.329516422	-0.921380682	MI-repressed
"Tomm22"	2.265396468	1.986029784	-0.928036038	MI-repressed
"Lap3"	3.296790205	3.000562311	-0.984047765	MI-repressed
"Huwe1"	1.91589285	1.608934003	-1.019695215	MI-repressed
"Psmc12"	2.279269688	1.962264402	-1.053068769	MI-repressed
"Vps13c"	1.481340632	1.161209752	-1.063451765	MI-repressed
"Tln2"	2.732613235	2.411709588	-1.066018841	MI-repressed
"Gfm2"	2.829550422	2.482853913	-1.151700872	MI-repressed

"Capn1"	2.247842804	1.88584522	-1.202529942	MI-repressed
"Esyt1"	2.039994003	1.667580354	-1.237131361	MI-repressed
"Eci2"	3.785078078	3.399490302	-1.280894863	MI-repressed
"Atp2b1"	2.245400114	1.849018519	-1.316751156	MI-repressed
"Npm1"	2.512510459	2.096252976	-1.382777428	MI-repressed
"Atp6v1e1"	2.464790788	2.046520572	-1.389463583	MI-repressed
"Ctnna3"	1.956739699	1.528671081	-1.422013169	MI-repressed
"Copg1"	2.429083551	1.985693261	-1.472910661	MI-repressed
"Ctsb"	2.11812329	1.651224585	-1.551003927	MI-repressed
"Palld"	2.630054971	2.148988994	-1.598066583	MI-repressed
"Rps20"	3.071583202	2.588305593	-1.605413469	MI-repressed
"Kpna3"	2.402857299	1.912255112	-1.629745189	MI-repressed
"Mtap"	2.174695851	1.675866658	-1.657074708	MI-repressed
"Nomo1"	2.034331988	1.508280292	-1.747505906	MI-repressed
"Napa"	2.390197523	1.862749194	-1.752145423	MI-repressed
"Tspo"	2.043818177	1.51079109	-1.770677655	MI-repressed
"Rtca"	2.204009985	1.663480311	-1.79560071	MI-repressed
"Rab5c"	2.585929203	2.044713038	-1.797881182	MI-repressed
"Flot1"	2.684443907	2.12969467	-1.842837077	MI-repressed
"Sypl"	2.588906575	2.028681226	-1.861028326	MI-repressed
"Rpn1"	2.583654828	2.014462343	-1.890816509	MI-repressed
"Psm2"	2.69555765	2.125280314	-1.894420304	MI-repressed
"Cspg4"	1.948192042	1.369532135	-1.922266604	MI-repressed
"Ank3"	2.175737473	1.591883673	-1.939520343	MI-repressed
"Vars"	2.364231837	1.776866308	-1.951186051	MI-repressed
"Hagh"	2.304318689	1.708574423	-1.979019615	MI-repressed
"Lrrc59"	2.812924428	2.214695948	-1.987271997	MI-repressed
"Camk1"	2.521334599	1.92288949	-1.987991623	MI-repressed
"Ap2b1"	2.643553177	2.041384018	-2.000362648	MI-repressed
"Ogt"	2.124824037	1.519464252	-2.010961677	MI-repressed
"Ilk"	2.664686088	2.057205225	-2.018007745	MI-repressed
"Hnrnpa1"	2.995391595	2.378403764	-2.049589212	MI-repressed
"Tnpo2"	2.118005282	1.479442993	-2.121258007	MI-repressed
"Hspb8"	3.029346865	2.376551602	-2.168538924	MI-repressed
"Perm1"	2.05536296	1.398758037	-2.181194341	MI-repressed
"Mlec"	2.328850297	1.656723923	-2.232755486	MI-repressed
"Acdb7"	5.277201754	4.602161886	-2.242433905	MI-repressed
"Sept2"	2.855223569	2.174065995	-2.262756482	MI-repressed
"Pdia4"	2.296096968	1.58433675	-2.364416264	MI-repressed
"Syncrip"	2.814203345	2.100332633	-2.371427172	MI-repressed
"Psm2"	2.087910566	1.366737328	-2.39568564	MI-repressed
"Rps23"	3.227585802	2.497671606	-2.424722476	MI-repressed

"Psme2b"	2.117542397	1.386510044	-2.428436911	MI-repressed
"Cyb5r1"	2.398504427	1.665048188	-2.436488886	MI-repressed
"Tinagl1"	1.287402489	0.546626423	-2.460804825	MI-repressed
"Tmed4"	2.502528367	1.757761769	-2.474061086	MI-repressed
"Rps11"	2.97815524	2.223825469	-2.505829261	MI-repressed
"Mgl1"	2.679868554	1.921386483	-2.519622902	MI-repressed
"Ptpn11"	2.366855868	1.604515353	-2.532440377	MI-repressed
"Ap2a1"	2.464527665	1.701733931	-2.533945935	MI-repressed
"Serbp1"	2.603008403	1.837179561	-2.544028346	MI-repressed
"Mlf2"	2.714327182	1.945901263	-2.552655649	MI-repressed
"Atpaf1"	2.56054571	1.791201717	-2.555705424	MI-repressed
"Dbx1"	2.421142123	1.642890356	-2.585296408	MI-repressed
"Arl6ip5"	3.217682939	2.43230337	-2.608974457	MI-repressed
"Rps24"	2.992476684	2.205043139	-2.615797617	MI-repressed
"Ap2s1"	2.532517813	1.733735851	-2.653496241	MI-repressed
"Plaa"	2.406371754	1.606273967	-2.657867318	MI-repressed
"Ubp2l1"	2.037481299	1.23266922	-2.673527856	MI-repressed
"Psmg1"	2.305187572	1.490968023	-2.704778795	MI-repressed
"Pdzph1"	3.193368784	2.370356671	-2.733987062	MI-repressed
"Ssh2"	2.725403877	1.899514731	-2.743544356	MI-repressed
"Cab39"	2.46867141	1.620460266	-2.817696431	MI-repressed
"Pcmt1"	2.853340438	2.004304437	-2.820436544	MI-repressed
"Taldo1"	3.166267502	2.316803933	-2.821856896	MI-repressed
"Fermt2"	3.129949849	2.277558322	-2.831583362	MI-repressed
"Iqca"	2.779830542	1.920124164	-2.855882771	MI-repressed
"Zfp641"	2.282040716	1.416457486	-2.875405252	MI-repressed
"Chmp2b"	2.389001843	1.520411952	-2.885393163	MI-repressed
"Katnal2"	3.260931553	2.386027015	-2.906369967	MI-repressed
"Vapa"	3.085614789	2.204709964	-2.926302489	MI-repressed
"Rragb"	2.599809948	1.709976682	-2.955962126	MI-repressed
"Gna13"	3.487200164	2.595812103	-2.961127042	MI-repressed
"Gja1"	3.006341408	2.104542464	-2.995711248	MI-repressed
"Rraga"	2.650382248	1.743684588	-3.011984429	MI-repressed
"A2ml1"	2.591686313	1.679128269	-3.031452206	MI-repressed
"Dars"	2.951694792	2.035878689	-3.042275245	MI-repressed
"Prex1"	1.901105245	0.968480391	-3.098112704	MI-repressed
"Rps18"	3.071300147	2.132438143	-3.118832068	MI-repressed
"Lmnb1"	2.84279131	1.902975795	-3.121999562	MI-repressed
"Slc27a1"	2.440822569	1.499254064	-3.127822869	MI-repressed
"Rpl29"	3.268436533	2.326376031	-3.12945725	MI-repressed
"Clasp2"	1.64922879	0.706204172	-3.132659972	MI-repressed
"Dnpep"	2.82327953	1.879252585	-3.135989631	MI-repressed

"Mthfsd"	2.530952199	1.586133046	-3.13862129	MI-repressed
"Dag1"	2.354365138	1.408257322	-3.142902136	MI-repressed
"Fbxo40"	2.100455738	1.146872115	-3.167736229	MI-repressed
"Cdk16"	1.373676256	0.3977281	-3.2420296	MI-repressed
"Ppp5c"	2.818955746	1.835170264	-3.268064633	MI-repressed
"Capn2"	2.694740855	1.707161251	-3.28066843	MI-repressed
"Txnrd1"	2.689962781	1.692057037	-3.314971127	MI-repressed
"Sfpq"	2.934327852	1.932753641	-3.327157511	MI-repressed
"Ap2a2"	2.762775205	1.758302256	-3.336786909	MI-repressed
"Snx2"	2.909061758	1.895178958	-3.368045759	MI-repressed
"Psmc11"	3.123273922	2.101417006	-3.394535198	MI-repressed
"Mapre1"	2.954067991	1.90530293	-3.483922121	MI-repressed
"Wbp2"	3.357997908	2.304462429	-3.499769107	MI-repressed
"Eml2"	2.842358918	1.785753409	-3.509967527	MI-repressed
"Echdc3"	2.954093133	1.883313588	-3.557052654	MI-repressed
"Acad11"	2.753528708	1.677543975	-3.574343917	MI-repressed
"Ccdc141"	2.547468719	1.463648797	-3.600371848	MI-repressed
"Camk2d"	3.238148282	2.149527026	-3.616321533	MI-repressed
"Ctnna2"	2.921280038	1.820247339	-3.657551454	MI-repressed
"Pdlim1"	2.942016697	1.840217686	-3.660097089	MI-repressed
"Krt14"	4.253202419	3.146943824	-3.674911505	MI-repressed
"Rpl26"	3.348499634	2.20702603	-3.791893234	MI-repressed
"Suox"	1.884385394	0.728816248	-3.838717611	MI-repressed
"Oxnad1"	3.045142962	1.880284155	-3.869577197	MI-repressed
"Gbe1"	2.133737396	0.951071229	-3.928731966	MI-repressed
"Abcd3"	2.816496591	1.626172269	-3.954171809	MI-repressed
"Abcb10"	2.474050922	1.283359993	-3.955389648	MI-repressed
"Nfe2l2"	2.990706175	1.792401596	-3.980681645	MI-repressed
"Eif4h"	2.980315968	1.743639604	-4.108149958	MI-repressed
"Dglucy"	3.219806383	1.978315571	-4.124143208	MI-repressed
"Fam129a"	3.650090096	2.36510037	-4.268643473	MI-repressed
"Trip10"	2.008089308	0.715785342	-4.29294085	MI-repressed
"Vapb"	3.640579114	2.34089632	-4.317452788	MI-repressed
"Hc"	3.120845109	1.819214869	-4.323922064	MI-repressed
"Filip1"	2.137210913	0.800717585	-4.439734737	MI-repressed
"Psmc4"	2.311062046	0.958949236	-4.491621531	MI-repressed
"Ppfia3"	2.637215179	1.27472893	-4.526081348	MI-repressed
"Fam162a"	3.324777072	1.950095731	-4.56659257	MI-repressed
"Oplah"	2.310403943	0.928516163	-4.59053184	MI-repressed
"Ctbp1"	2.233238194	0.844888827	-4.611996767	MI-repressed
"Rad50"	1.990952353	0.589999902	-4.653863307	MI-repressed
"Marc2"	2.286063102	0.884173163	-4.656977575	MI-repressed

"Limch1"	2.377032905	0.97459015	-4.658813988	MI-repressed
"Hist2h2aa1"	3.906290277	2.502437015	-4.663499593	MI-repressed
"Hist2h2ac"	3.906290277	2.502437015	-4.663499593	MI-repressed
"Hist2h2aa2"	3.906290277	2.502437015	-4.663499593	MI-repressed
"Sirt5"	2.372920168	0.853727818	-5.046647748	MI-repressed
"Nt5c3"	2.188494979	0.633619017	-5.165186141	MI-repressed
"Emc2"	2.345768636	0.78109938	-5.197718759	MI-repressed
"Krt75"	3.933373329	2.362783039	-5.21738801	MI-repressed
"Atg2b"	1.605506156	0	-5.333376005	MI-repressed
"Tpm4"	3.814739167	2.197025475	-5.373928562	MI-repressed
"Uqcc1"	2.524338465	0.883384039	-5.451132613	MI-repressed
"Ube2s"	2.762434027	1.119366072	-5.458153601	MI-repressed
"Syngr2"	2.712036926	1.055473774	-5.502983678	MI-repressed
"Tmem160"	2.863383661	1.122144745	-5.784270474	MI-repressed
"Micos10"	2.783967204	1.003440168	-5.914782787	MI-repressed
"Bcl10"	2.82196326	1.03558013	-5.93423631	MI-repressed
"Scamp3"	2.547305388	0.712514343	-6.095043919	MI-repressed
"Rac2"	2.709899219	0.85874254	-6.149409381	MI-repressed
"Rac3"	2.709899219	0.85874254	-6.149409381	MI-repressed
"Hp1bp3"	2.856461946	0.984397542	-6.218863339	MI-repressed
"Olfr430"	2.912787043	1.020801968	-6.285038377	MI-repressed
"Abhd11"	2.658154892	0.760812342	-6.302835523	MI-repressed
"Cipc"	3.01301169	1.113671659	-6.309471009	MI-repressed
"Vps28"	2.900767875	0.962982348	-6.437184184	MI-repressed
"Ltf"	2.507271761	0.547151099	-6.511379896	MI-repressed
"Twf2"	2.880698931	0.896920073	-6.589970722	MI-repressed
"Arhgap31"	3.647903003	1.653955095	-6.623751573	MI-repressed
"Dach1"	2.021302518	0	-6.714621623	MI-repressed
"Dach2"	2.030354095	0	-6.744690312	MI-repressed
"Ctbp2"	2.090560044	0	-6.944690143	MI-repressed
"Tmem177"	2.772812606	0.654576639	-7.036627572	MI-repressed
"Dele1"	2.19219183	0	-7.282303628	MI-repressed
"Cox6a2"	3.228946434	0.988447599	-7.442776028	MI-repressed
"Mak"	3.443538496	1.0028532	-8.107781055	MI-repressed
"Hspa12b"	2.515209531	0	-8.355345204	MI-repressed
"Echdc2"	2.605651552	0	-8.655787096	MI-repressed
"Chpt1"	3.107068003	0	-10.32145649	MI-repressed
"Aldoart1"	4.333077532	0	-14.39417199	MI-repressed

GeneSymbol = encoding gene names of detected proteins. Background\_Mean = normalized sample-mean protein expression level in the background samples. Sham\_Mean = normalized sample-mean protein expression level in the post-sham surgery samples. Log2FC\_MI\_vs\_Sh =

Log<sub>2</sub>-transformed fold change of protein expression levels comparing post-MI surgery samples with post-sham samples.