

Table S1

	Control 1	Control 2	Control 3	Se-deficient 1	Se-deficient 2	Se-deficient 3
TNF- α (PCR)	1	0.980174	0.988897	4.14106	3.317278	4.084048
TNFR1(PCR)	1	1.032811	1.021145	2.114036	2.514027	1.918528
FADD(PCR)	1	1.000416	1.00125	2.639016	2.329467	2.250117
CYLD(PCR)	1	1.002738	1.005477	1.248331	1.028114	1.526259
RIPK1(PCR)	1	0.981598	0.994145	2.948539	2.013911	2.8481
RIPK3(PCR)	1	0.990515	0.988041	3.226567	3.116658	3.386981
MLKL(PCR)	1	1.002062	0.971468	3.78423	3.887858	3.72397
caspase 8(PCR)	1	0.991896	0.983793	0.3120826	0.2660925	0.2642545
mir-29a-3p(PCR)	1	1.007419	0.944765	0.7578583	0.8645372	0.8111975
GPX1(PCR)	1	0.976667	0.994167	0.6585654	0.7526234	0.7631296
GPX2(PCR)	1	0.998708	0.971585	0.858091	1.031536	0.828072
GPX3(PCR)	1	0.999619	0.989734	0.89889	0.861985	0.858091
GPX4(PCR)	1	0.976975	1.001354	1.086735	0.964086	0.815717
DIO1(PCR)	1	1.017091	1.016727	2.938094	2.116658	2.388934
DIO2(PCR)	1	1.030808	0.957119	2.73208	2.143547	1.117287
DIO3(PCR)	1	1.004071	1.005429	1.243217	1.028053	0.916298
SELM(PCR)	1	0.964352	0.971407	0.313376	0.42839	0.294364
SELN(PCR)	1	0.967925	0.939191	0.5456757	0.5697193	0.575309
SELO(PCR)	1	1.002328	0.981762	3.530812	2.756828	2.531513
SELS(PCR)	1	1.013075	0.997048	1.172835	1.292353	1.802501
SEPP1(PCR)	1	0.996411	0.994359	0.301342	0.514027	0.214195
SELK(PCR)	1	0.997073	1.011219	0.8975103	0.9035487	0.8851909
SELH(PCR)	1	1.007102	1.013316	1.377175	1.897077	1.276673
SELV(PCR)	1	0.984237	1.001153	0.6234931	0.6456364	0.5763144
SELT(PCR)	1	1.015588	1.012282	0.3142533	0.3368084	0.3609823
SELW(PCR)	1	1.041903	1.026384	0.3634931	0.6461764	0.5783441
SEPX1(PCR)	1	1.001609	1.011665	0.949121	1.292353	1.156688
SEPHS2(PCR)	1	1.005344	1.014577	0.6285067	0.6783022	0.7219646
SELI(PCR)	1	1.010552	0.993506	1.394294	1.11396	1.357018
SEP15(PCR)	1	0.993039	1.012529	0.5509526	0.5625293	0.6506709
TXNRD1(PCR)	1	1.012524	1.003795	1.214195	0.814214	0.928171
TXNRD2(PCR)	1	1.044577	1.034918	0.566852	0.840375	0.658639
TXNRD3(PCR)	1	1.027519	1.136047	0.840352	1.00375	1.07375
TNF- α (WB)	0.9811077	0.8627571	0.8627976	1.090398	1.026953	0.9990003
RIPK3(WB)	1.189204	1.038023	1.027377	1.670712	1.584173	1.536212
MLKL(WB)	0.8170491	0.7289298	0.7488834	1.410681	1.368572	1.30865
Caspase8(WB)	1.980816	1.483839	1.751931	1.261851	1.199156	1.290575
TNFR1(WB)	2.132695	1.878597	1.908552	2.838259	2.829185	2.766768