

Supplementary Table S1: The 821 gene expression differences shown in Fig. 5D and E. Gene names and accession numbers are arranged in the order depicted in the Figure and as determined by hierarchical clustering. All values are expressed as CPM.

NAME	$\Delta 90+\text{YAP}^{\text{S127A}}$	$\Delta 90+\text{YAP}^{\text{S127A}} + \text{NFE2L2-WT}$	$\Delta 90+\text{YAP}^{\text{S127A}} + \text{L30P/R34P}$
Lypla1	89.45	139.74	152.8
Xkr9	4.33	11.73	18.12
Smap1	36.67	50.95	59.67
Tpp2	38.63	63.87	73.55
Atic	32.53	49.55	84.25
Cab39	84.41	120.51	132.51
Ugt1a6a	62.01	117.42	211.19
Ppip5k2	67.35	105.38	110.39
Nr5a2	57.21	87.69	91.31
BC003331	29.42	43.99	52.76
Fmo4	7.12	15.2	15.71
Degs1	89.35	132.95	193.21
Lamc3	2.4	16.13	69.32
Psm5	31.64	45.49	66.86
Stom	36.59	79.26	100.1
Ppp6c	34.27	48.35	53.63
Gtdc1	8.6	13.09	13.2
Ifih1	24.47	35.97	39.96
Qser1	28.19	46.93	51.06
Cops2	47.59	68.7	79.07
Srxn1	47.54	256.41	1463.35
Tm9sf4	67.47	93.14	93.94
Slc7a11	2.31	60.89	393.48
Lxn	1.66	8.89	13.43
Arfp1	27.11	37.52	46.67
Gba	23.89	33.06	37.24
S100a8	1.93	12.98	17.55
S100a9	2.53	21.29	29.7
Prune	21.97	39.23	53.46
Rnf115	26.29	36.9	50.3
Trim33	25.17	36.15	36.96
Chil3	0.47	5.59	7.49
Cept1	36.43	57.59	71.67
Gstm3	76.19	423.89	1508.79
Gstm1	1335.19	3516.03	9635.56
Gstm4	23.8	78.17	179.08
Slc25a24	53.65	90.13	95.29
Ctbs	10.14	17.82	18.38
Fpgt	11.42	19.92	22.1
Trp53inp1	74.92	116.68	155.1
Cpne3	80.16	127.53	139.34
Manea	14.78	25.7	30.04
Prkaa2	34.12	61.97	133.86
Alpl	14.4	30.7	35.79
Cd36	67.48	177.93	237.38
Bre	23.82	37.24	40.3
Cpeb2	22.91	36.71	39.19
Pi4k2b	28.74	40.69	42.04
Ugdh	113.66	275.17	842.9
Dcun1d4	26.27	40.18	47.23
Ugt2b34	340.34	703.37	1110.88
Slc26a1	102.57	182.48	190.6
Serpine1	11.66	31.64	67.88
Met	56.75	92.77	109.51
Tmem209	19.11	28.18	36.89
Akr1d1	105.66	207.32	212.13
D630045J12Rik	14.45	24.71	53.55
Stambp	12.3	19.38	21.48
Eefsec	23.19	34.05	38.43
Styk1	0.2	5.47	19.35
Cyp2a12	198.15	425.32	480.92
Rhpn2	20.84	33.23	43.89
A1987944	13.19	20.98	27.47
C230091D08Rik	7.19	12.45	13.5
Mtmr10	32.26	45	46.26
Picalm	98.35	160.2	186.7
Tsku	51.69	132.28	315.24
Tpp1	78.53	130.3	131.03
Ppfibp2	14.53	24.14	55.59
Acsn3	32.75	72.79	77.88
Aldoa	123.75	213.14	325.82
Ifitm6	0.15	0.79	2.29
Hpgd	89.6	145.96	187.11
Itfg1	49.12	71.11	90.99
Ces2c	2.65	13.95	15.51

Supplementary Table S2 (continued)

NAME	$\Delta 90+\text{YAP}^{\text{S127A}}$	$\Delta 90+\text{YAP}^{\text{S127A}}$ +NFE2L2-WT	$\Delta 90+\text{YAP}^{\text{S127A}}$ +L30P/R34P
Nfatc3	35.46	53.42	54.09
Nqo1	6.7	37.31	222.5
Bco1	13.87	26.88	43.97
Mmp8	0.11	3.04	4.5
Raver1	37.48	59.41	67.32
Gclc	169.37	522.46	2071.87
Gsta1	0.86	72.14	1057.15
Gm10639	0.08	6.46	136.35
Gsta2	3.85	59.54	602.85
Ngp	1.35	16.06	21.3
Ltf	0.75	12.15	18.71
Nt5dc1	9.17	14.56	18.9
Reep3	75.77	112.21	166.78
Ugp2	163.27	338.39	929.4
Map2k4	31.41	51.24	51.38
Srr	31.71	54.73	60.77
Taok1	58.63	87.55	87.83
5730455P16Rik	13.75	19.72	21.55
Usp32	35.65	53.59	55.03
Mmd	106.95	171.02	176.54
Tom11l	18.84	28.64	44.36
Abcc3	94.89	194.96	341.12
Pdk2	51.3	90.66	93.16
Tmem106a	13.81	22.34	25.14
1810010H24Rik	8.47	15.5	24.47
Stxbp6	24.32	34.92	36.3
Egln3	18.42	32.52	41.74
Cfl2	42.49	59.63	79.43
Hif1a	37.65	58.51	65.43
Gpx2	0.72	7.79	60.66
Susd6	58.33	85.04	91.57
Gcnt2	19.6	30.89	34.47
Ranbp9	28.6	39.73	41.18
Erc6l2	16.86	24.3	28.78
Erap1	64.72	103.66	107.73
Pxk	28.69	40.06	47.74
Vcl	54.81	93.53	156.26
Ap3m1	45.35	75.29	75.71
Samd8	31.96	48.54	65.49
Ppif	24.28	36.59	37.13
Ankrd28	36.35	56.63	61.64
Ero1l	26.48	43.63	61.13
Abcc4	21.18	143.7	1011.15
AW549877	29.84	46.89	47.71
Golph3	64.21	98.32	103.56
Laptm4b	27.93	40.99	45.28
Grina	108.85	220.91	280.46
Xpnpep3	21.22	30.07	31.2
Slc38a2	117.97	180.55	211.31
Dazap2	114.85	163.34	193.57
Igfbp6	2.01	30.25	38.94
Mapk1	84.35	121.93	145
Cldn1	72.22	137.78	176.29
Kpna1	34.79	53.14	64.03
Pla1a	22.73	43.61	63.2
Retnlg	0.2	2.87	3.76
Tfg	55.62	81.2	87.02
Gbe1	51.72	114.83	266.29
Mpc1	83.83	145.93	206.33
BC004004	50.05	75.05	83.42
Tbc1d5	21.81	32.19	37.54
Sos1	26.21	37.38	38.3
Lrrprc	48.54	70.82	101.65
Pcdhgc3	0.73	7.49	9.51
Prr16	8.01	13.44	14.41
Seh1l	44.38	63.94	69.68
Dym	23.73	33.71	38.18
Rtn3	111.43	165.12	213.03
Asah2	18.33	28.73	31.76
Ide	76.06	123.18	152.95
Gm10768	100.05	220.79	301.4
Zdhhc6	44.81	63.13	65.56
Maoa	18.45	61.96	354.83
Maob	57.96	97.14	99.05
Klhl13	20.78	41.31	87.91

Supplementary Table S2 (continued)

NAME	$\Delta 90+YAP^{S127A}$	$\Delta 90+YAP^{S127A} +NFE2L2-WT$	$\Delta 90+YAP^{S127A} +L30P/R34P$
Mttr1	21.12	34.15	41.81
Atp6ap1	71.45	99.48	102.03
Ubqln2	28.95	46.68	58.58
Rgl1	15.74	7.87	21.5
Tor3a	16.76	9	20.11
Rcsd1	9.86	4.7	11.6
Arhgap30	14.12	6.51	17.09
Ifi203	7.17	3.55	9.19
Tnfaip8l2	5.17	2.3	5.61
Tinagl1	47.44	25.75	85.1
Man1c1	10.19	4.53	10.76
C1qc	93.6	34	109.61
C1qa	126.92	51.33	146.21
Anxa3	89.59	48.98	163.62
Dok1	7.43	3.49	7.54
Gmfg	5.85	2.85	6.02
Tmem86a	14.88	7.31	17.3
Lyve1	5.1	1.27	11.61
Far1	12.87	4.44	13.58
Pycard	3.27	1.23	3.35
Ifitm1	2.57	0.84	2.58
Adgre5	35.42	19.07	49.96
AB124611	4.58	1.85	8.1
2810417H13Rik	13.86	6.3	14
Cnn2	26.89	12.8	29.11
Arhgap9	7.25	2.84	7.37
Pmp22	17.51	4.3	23.63
Slfn5	21.07	9.03	23
Abi3	14.27	8.03	15.77
Trib2	7.35	2.8	8.25
Ly86	6.85	2.87	8.66
Tgfb1	50.18	24.18	52.2
4930486L24Rik	4.61	0.85	8.44
Ctla2b	3.93	1.5	3.99
Klhl6	5.7	2.52	6.27
Hcls1	18.7	9.26	21.74
Aif1	9.9	3.53	10.2
Stard8	9.13	4.25	10.4
Pcmd1	54.33	84.1	82.95
Tmem14a	3.22	6.24	4.64
Raph1	84.98	125.24	90.89
Steap3	45.54	79.61	63.63
Cdk18	30.87	48.61	41.59
Cfhr3	2.49	6.29	4.39
Gm4788	88.07	157.46	109.61
Cfhr2	55.5	116.83	75.66
Rabgap11	24.84	35.48	32.55
Klhdc9	0.94	2.16	1.68
Chml	8.78	16	14.8
Pter	68.33	111.53	98.27
Rsu1	30.76	45.51	38.79
Stam	19.08	28.52	26.5
Mrps2	23.65	35.93	34.65
1110008P14Rik	12.85	19.73	14.42
Nr6a1	5.94	10.38	6.79
Acvr2a	25.66	38.05	33.01
Nfe2l2	140.83	391.99	258.8
Zfp385b	15.93	26.34	22.23
Tcp1l1l1	13.76	23.85	19.35
BC052040	8.67	13.65	13.56
Adal	12.04	17.5	17
Psmf1	27.15	42.98	41.44
Ncoa6	34.45	54.35	47.24
Rbm38	5.08	9.74	8.59
Bche	67.8	139.57	118.33
Sf3b4	28.73	39.36	37.84
Hfe2	27.45	70.4	52.96
Gdap2	32.81	51.17	47.04
Alg14	10.85	18.5	15.22
Sec24b	40	55.41	55.08
Ppa2	26.43	37.65	30.54
Mob3b	31.1	56.08	52.48
Angptl3	199.22	420.99	396.87
Tmem69	10.57	16.15	13.97
Elovl1	53.65	87.06	80.61

Supplementary Table S2 (continued)

NAME	$\Delta 90+YAP^{S127A}$	$\Delta 90+YAP^{S127A} +NFE2L2-WT$	$\Delta 90+YAP^{S127A} +L30P/R34P$
Mapre3	20.49	38.24	36.57
Atxn2	50.53	72.82	66.9
Orai1	17.32	25.14	24.63
Cyp3a13	27.17	52.43	35.02
Bri3	35.06	58.18	51.21
Baiap2l1	37.99	60.93	55.46
Cyp3a59	9.64	25.11	22.22
Peg10	3.72	10.97	4.56
Wasl	74.9	115.12	114.47
Zfp800	11.76	17.99	17.31
Mkln1	45.36	63.32	60.26
Zyx	49.31	79.37	63.65
Wipf3	26.75	47.06	37.94
Kdm3a	19.14	29.59	25.73
Tmsb10	44.91	89.91	83.42
Fmrd4b	51.64	79.66	67.8
Bhlhe40	81.57	149.58	116.64
Setd5	61.83	87.7	78.67
Tmcc1	20.31	31.2	27.61
Slc6a12	31.37	57.03	32.13
Atn1	54.43	81.56	67.41
Ceacam1	60.26	119.53	71.5
Zfp36	39.13	63.74	61.97
Ankrd27	69.16	103.14	93.37
Gm5595	2.34	4.38	3.37
Kdelr1	83.51	124.55	113.25
Cpeb1	17.31	29.78	23.28
Tmem135	53.05	90.49	89.33
Ints4	27.13	39	35.78
Ppme1	29.34	44.16	42.96
Gm5601	1.15	7.73	6.3
Sult1a1	490.91	1021.73	852.73
Cdhr5	80.31	126.58	80.57
Slc22a18	53.09	109.69	103.71
Rbpms	67.37	108.18	98.15
Mtus1	167.03	239.33	196.71
Aadat	19.52	37.21	34.78
Tm6sf2	18.08	39.26	29.34
Tom1	31.07	49.69	41.18
Slc38a7	27.41	36.63	34.82
D230025D16Rik	37.03	57.92	53.25
Acp5	59.61	117.36	114.73
Vwa5a	57.83	98.85	94.02
Ubl7	22.45	36.93	34.54
Dennd4a	30.9	51.6	50.15
Rbpms2	17.96	30.87	28.11
Ick	25.98	39.71	34.84
Rn7sk	2.29	8.44	5.72
Abhd14b	96.33	158.2	137.95
Camp	0.75	4.7	4.33
Rtp3	30.82	47.08	30.97
Cyp8b1	58.36	168.07	155.8
Tcaim	9.2	15.9	14.23
Lars2	72.21	272.09	234.47
Tab2	78.38	113.66	108.98
Sgk1	17.78	37.97	34.7
Ppa1	80.07	128.01	125.47
Scyl2	39.22	60.79	59.7
Mettl7b	225.22	459.77	318.37
Tug1	52.38	77.79	62.69
Ube2d-ps	4.66	8.08	6.14
0610010F05Rik	16.88	24.42	24.12
Timd2	41.81	80.15	76.21
Sec24a	65.07	103.41	96.32
Drg2	28.75	40.64	39.45
Asgr2	177.41	329.02	297.99
Ggt6	13.19	26.11	15.77
Ctns	17.26	26.63	21.07
Serpinf1	205.61	483.72	448.1
Ccl9	25.18	52.84	33.98
Dcakd	37.13	51.4	41.7
Prkca	13	20.87	18.17
Fam20a	26.19	45.73	29.56
Afmid	61.55	112.06	96.22
Gphn	33.87	52.54	50.62

Supplementary Table S2 (continued)

NAME	$\Delta 90+\text{YAP}^{\text{S127A}}$	$\Delta 90+\text{YAP}^{\text{S127A}} +\text{NFE2L2-WT}$	$\Delta 90+\text{YAP}^{\text{S127A}} +\text{L30P/R34P}$
Numb	31.03	43.67	36.51
Serpina3n	158.42	380.34	238.4
Akr1e1	20.54	33.3	27.5
Serpina9	12.42	20.88	15.1
Zfp935	3.5	6.21	5.57
Zfp729b	6.04	10.1	9.31
Thrb	23.55	35.75	31.54
Parp4	28.74	46.73	44.43
Gm17066	13.04	20.74	15.74
Cpq	59.01	84.48	68.31
Rnf139	32.66	48.68	44.86
St3gal1	83.01	146.19	119.02
Pkp2	70.82	103.65	85.89
Hrg	204.21	569.6	423.3
Kng1	1442.91	2828.61	1958.11
Pcyt1a	77.65	110.79	110.34
Gm38396	12.19	19.71	17.02
Zfp820	2.88	5.46	4.53
Zfp942	7.91	13.58	12.12
Zfp946	9.43	15.1	13.57
Tbc1d24	25.91	43.77	35.17
Ppt2	23.38	32.77	31.23
Vmac	15.66	22.64	16.81
Slc25a23	179.08	307.72	230.01
Galm	46.62	73.36	69.25
Fbxo11	29.4	41.07	40.87
Wac	55.63	81.53	77.35
Dsc2	112.75	192.29	122.18
Pat1	25.02	39.91	39.62
Zdhhc9	78.54	141.52	131.2
Mospd2	31.8	47.32	47.02
Cox5b	88.09	55.33	54.83
Dtymk	37.66	22.58	22.17
Prrx1	11.68	3.42	1.92
Mrpl41	26.04	14.14	13.63
Tmem203	14.14	8.83	7.13
Phpt1	37.18	14.95	13.4
Adamts12	13.34	4.32	3.45
Ak1	3.77	1.4	1.35
Ndufa8	100.36	56.25	49.14
Olfml2a	3.33	0.96	0.6
Ppig	78.61	53.94	48.83
Nop10	31.33	19.17	19.16
Rtf1	53.42	38.64	37.61
Serf2	307.71	188.33	150.22
Hypk	90.71	42.61	41.61
Romo1	45.41	15.1	12.9
D630003M21Rik	22.93	7.39	6.64
Pkig	24.82	16.52	14.53
Dnrtip1	34.82	22.7	20.86
Atp5e	137.66	63.21	55.58
Ndufc1	29.16	16.46	14.33
Apoa1bp	51.85	32.45	31.7
Dpm3	23.38	9.25	8.27
Mrps21	39.44	22.3	22.09
Gm20752	9.58	2.13	0.96
Chchd7	11.39	6.53	6.49
Svbp	14.56	7.28	7.13
Ndufs5	11.31	4.34	3.95
Smim12	23.12	15.28	14.57
Rnf19b	53.5	37.37	34.67
Tmem234	78.74	55.77	54.8
Minos1	65.6	37.63	34.75
Pdpn	4.65	0.63	0.33
Gpr153	5.22	1.55	1.49
Fam133b	18.78	10.63	10.21
Fzd1	19.59	10.04	7.6
Reln	42.8	15.39	10.6
Mxd4	44.98	30	29.9
Bloc1s4	17.43	10.72	9.98
Igfbp7	357.64	174.93	142.72
Mrps18c	22.97	14.89	14.82
BC005561	12.22	7.19	5.59
Atp5k	43.53	9.1	8.67
Srsf9	48.61	31.14	31.01

Supplementary Table S2 (continued)

NAME	$\Delta 90+\text{YAP}^{\text{S127A}}$	$\Delta 90+\text{YAP}^{\text{S127A}} +\text{NFE2L2-WT}$	$\Delta 90+\text{YAP}^{\text{S127A}} +\text{L30P/R34P}$
Shfm1	59.7	32.95	29.99
Ndufa5	44	22.83	22.73
1110001J03Rik	17.26	6.01	4.24
Ndufb2	42.87	18.78	18.6
Tacstd2	5.93	0.45	0.16
Vamp5	38.33	17.02	12.8
Bola3	27.65	15.16	15.02
Snrpg	39.71	15.42	13.65
Brk1	86.53	60.27	53.59
Grcc10	84.33	41.3	36.24
Lockd	4.3	1.27	1.1
H2afj	79.1	38.24	26.52
Mgp	34.09	9.23	5.29
Ndufa3	49.07	17.08	15.61
Tfpt	13.97	8.29	7.34
Inafm1	14.77	7.87	6.77
Snrpd2	61.37	31.35	28.73
Rabac1	134.59	87.97	82.21
Megf8	44.47	30.63	28.7
Eid2	6.45	2.17	1.66
Cox7a1	1.59	0.33	0.32
Pdcd5	37.26	24.47	20.22
Saa2	88.94	8.8	7.1
Dkk3	9.33	2.88	2.53
Hs3st2	16.95	2.11	1.69
Bola2	26.13	11.95	10.29
Gm4532	1.31	0.33	0.13
Bcl7c	42.93	26.35	19.93
Bet1l	25.73	16.9	15.55
Pet100	11.56	3.93	3.47
Arglu1	56.6	33.91	24.37
Ing1	36.66	25.93	23.37
Ndufa13	83.63	52.1	44.24
Ccdc124	46.46	26.16	20.81
Use1	64.31	41.96	37.98
D8Ert738e	79.73	55.29	50.42
2310036O22Rik	99.83	66.33	54.98
Ccdc102a	5.92	1.94	1.81
Fam96b	27.1	12.32	12.01
Zfx3	69.76	41.45	36.16
Ubl5	61.43	39.29	34.42
Tmed1	29.15	19.1	15.25
Cib2	16.92	8.5	4.16
Snapc5	24.35	14.03	11.99
Anapc13	43.95	17.88	17.69
Ccdc12	26.09	16.54	14.97
Higd1a	34.72	20.18	18.94
A330049N07Rik	11.68	2.51	1.38
2310011J03Rik	35.93	23.27	21.74
Lsm7	33.21	16.19	13.66
Timm13	86.81	42.06	40.36
Csrp2	115.33	76.28	65.79
Arhgef25	4.71	2.11	1.89
Cnpy2	91.25	56.58	46.61
Cd63	167.02	99.57	84.42
Selm	5.3	2.22	1.66
Mrps24	39.66	26.42	24.06
H2afv	73	46.85	38.81
Hba-a2	11.52	0.95	0.31
Leap2	12.08	4.06	3.29
Atox1	55.27	31.38	30.41
Dhrs7b	28.81	18.76	18.18
Chd3	83.13	54.45	47.21
Tmem256	41.08	15.23	11.22
Sdf2	49.08	34.19	31.53
Supt4a	45.51	27.06	23.87
Cuedc1	21.71	10.4	8.25
Cbx1	50.23	30.81	26.48
P3h4	2.67	0.81	0.73
Mrc2	13.56	3.66	3.4
Ict1	43.68	28.45	25.86
Foxj1	4.98	1.59	0.57
Degs2	6.24	2.04	0.89
Inhba	37.3	16.11	8.02
Sox4	118.36	43.03	21.15

Supplementary Table S2 (continued)

NAME	$\Delta 90+\text{YAP}^{\text{S127A}}$	$\Delta 90+\text{YAP}^{\text{S127A}} +\text{NFE2L2-WT}$	$\Delta 90+\text{YAP}^{\text{S127A}} +\text{L30P/R34P}$
Idnk	22.87	15.34	11.45
Med10	22.85	15.81	14.86
Ndufs6	84.65	30.36	28.51
Cetn3	46.2	31.81	31.63
Smim4	7.21	2.86	2.44
Gdf10	13.81	3.02	2.83
Mmrn2	43.63	10.95	9.6
Dpysl2	11.07	5.66	4.84
Polr2k	16.87	8.16	6.77
Polr2f	37.08	19.83	18.18
Cbx6	66.82	39.18	24.35
Rps19bp1	27.7	16.83	14.56
Smdt1	65.94	44.12	36.07
Creld2	130.09	46.17	43.86
Cox14	43.62	22.36	21.61
Smim22	2.67	0.9	0.64
Scarf2	10.52	2.93	1.93
Ndufb4	30.8	17.58	16.17
Atp5j	135.76	88.12	85.18
Smim11	19.48	11.8	8.24
Tmem242	52.22	36.06	33.14
Gtf2h5	43.61	30.5	29.85
Nme3	28.81	15.28	12.82
Fam173a	48.82	27.67	25.5
Adamts10	18.49	9.82	4.99
Rps18	21.23	11.81	10.01
1110038B12Rik	25.33	14.1	13.53
Gnl1	40.31	29.68	27.71
Polr1c	40.75	26.94	26.84
Ptprs	84.85	54.65	33.85
Pura	49.55	35.97	32.58
Tmem134	58.06	39.35	35.99
Ccs	138.03	85.71	73.39
Ccdc85b	61.97	35.94	23.1
Cdc42bpg	78.91	48.71	46.07
Trmt112	58.9	41.06	40.5
Esrra	35.96	22.5	21.97
Bad	28.17	16.61	14.42
Ppp1r14b	68.89	33.68	31.06
Fkbp2	80.32	49.57	42.18
2700081O15Rik	23.13	12.92	7.88
Uqcc3	29.93	19.28	15.59
Npm3	29.93	17.54	15.54
Usmg5	68.19	31.02	28.77
Pin4	17.98	9.76	9.59
Rpl34	7.99	2.87	2.87
Rab26os	1.04	0.13	0.13
Ptpn18	4.32	1.43	3.13
Sema4c	10.09	5.45	6.17
Rpl31	377.92	190.37	202.11
Fhl2	3.84	1.19	1.62
Col3a1	159.2	52.26	107.44
Hspe1	168.18	79.72	85.2
Ndufb3	30.73	18.18	21.69
Rpl37a	330.55	144.64	158.05
Myeov2	42.28	14.58	15.73
Fam174a	15.22	9.67	11.78
Snrpe	31.42	20.26	22.69
Ppfa4	9.09	2.75	6.58
Tmem9	35.9	24.07	25.44
Rnasel	10.24	3.54	7.26
Pfdn2	35.06	18.3	19.84
Ackr1	1.16	0.31	0.77
Itpkb	15.46	6.4	11.26
Hlx	6.88	2.34	6.84
Batf3	1.7	0.47	1
Fam171a1	5.11	2.28	3.24
Celf2	23.14	12.67	18.18
Itga8	7.81	2.64	4.77
Zmynd19	21.18	13.92	16.14
Egfl7	22.7	11.29	13.83
Eng	51.74	26.89	45.09
Rpl35	304.07	167.77	202.38
Klhl23	5.78	2.03	2.17
2700094K13Rik	19.42	11.56	15.57

Supplementary Table S2 (continued)

NAME	$\Delta 90+\text{YAP}^{\text{S127A}}$	$\Delta 90+\text{YAP}^{\text{S127A}} +\text{NFE2L2-WT}$	$\Delta 90+\text{YAP}^{\text{S127A}} +\text{L30P/R34P}$
Gm13889	4.73	1.39	2.07
Ccdc34	23.59	12.21	13.93
Fbn1	18.9	6.02	9.79
1500011K16Rik	18.11	8.01	8.66
Mrps26	35.04	22.33	24.57
Prnd	4.74	0.76	1.43
Gm561	7.3	3.44	4.23
Top1	85.15	58.31	59.99
Mybl2	6.07	2.51	3.83
Zfas1	31.29	8.04	11.57
Tshz2	29.38	9.74	10.04
Rps21	264.86	83.27	99.66
Rpl22l1	83.55	32.28	42.78
Lhfp	17.92	6.51	7.17
Smc4	78.88	46.44	70.11
Gucy1a3	9.28	3.79	5.07
Nes	13.98	5.09	5.98
Rps27	288.21	125.96	141.01
Mrpl9	44.34	30.17	33.37
Ctsk	3.06	0.74	0.79
Olfml3	9.59	3.47	4.33
Lamtor5	31.67	22.46	23.97
Shhg8	8.68	3.5	3.53
Gar1	21.13	11.22	13.12
H2afz	116.01	59.48	87.7
Clca3a1	16.55	7.31	9.22
Ndufb6	49.86	23.35	30.32
Tomm5	24.13	14.1	18.98
Rgs3	15.01	6.24	8.26
Tm2d1	16.34	10.96	13.13
Tie1	18.19	7.08	11.52
Heyl	6.49	1.82	2.53
1110065P20Rik	24.6	13.44	13.76
Eva1b	9.67	3.55	4.28
Trappc3	41.52	26.67	27.75
Gja4	5.81	1.3	2.41
Hpca	1.9	0.12	0.14
Hdac1	30.59	21.46	22.9
Fam167b	6.81	1.68	3.13
Med18	5.15	2.36	3.42
Hmgn2	67.67	27.93	28.93
Stmn1	84.74	42.75	56.18
Rpl11	435.33	242.69	289.01
Gm13056	0.96	0.13	0.37
Rpl22	193.59	117.63	146.4
Tomm7	31.27	11.7	12.3
Nos3	4.76	2.34	3.58
Cenpa	18.64	9.77	13.91
Ost4	69.53	45.57	45.81
Emilin1	55.28	14.15	23.45
Sorcs2	8.26	0.33	0.47
Med28	29.91	21.48	21.74
Rpl9	413.81	232.36	296.61
Plac8	11.12	3.84	10.24
1500011B03Rik	4.61	2.02	3.05
Pebp1	268.37	169.31	180.42
Snmp35	7.72	4.03	4.39
Eln	19.24	5.22	5.72
Pdap1	91.05	60.23	66.68
Rpa3	11.28	6.64	6.72
Lsm8	12.11	7.32	8.56
Gimap6	9.08	3.44	6.55
Aqp1	53.56	20.64	46.62
Lsm5	8.8	4.77	5
Dysf	13.19	4.53	12.32
Fgd5	7.15	3.28	5.24
Rpl32	400.38	215.5	270.63
Plxd1	60.17	28.66	48.25
Gm8203	61.79	29.32	52.98
P3h3	7.31	2.61	3.11
Ccnd2	24.47	9.78	12.75
Rerg	2.99	1.01	1.47
U2af2	120.04	85.45	89.95
Tmem160	36.31	21.27	22.09
Exoc3l2	7.96	2.31	3.98

Supplementary Table S2 (continued)

NAME	$\Delta 90+YAP^{S127A}$	$\Delta 90+YAP^{S127A} +NFE2L2-WT$	$\Delta 90+YAP^{S127A} +L30P/R34P$
Rps19	372.35	184.52	215.17
Ltbp4	35.35	13.66	16.95
Rps16	505.76	235.39	295.09
Polr2i	15.12	9.53	11.56
Tyrobp	27.79	11.38	25.73
Clec11a	2.54	0.94	1.04
Rcn3	9.4	2.38	4.75
Rps11	425.19	231	270.31
Rpl13a	1089.24	532.05	576.18
Rpl18	473.29	251.45	304.27
Chsy1	8.41	4.07	5.99
Igflr	30.47	6.07	10.6
Rps17	334.86	178.01	214.05
Ndufc2	47.01	32.14	32.37
Serpinh1	48.5	17.63	20.7
Rps3	602.17	330.12	415.74
Tmem159	8.8	4.37	4.99
4930413G21Rik	5.52	2.47	2.61
Hirp3	13.03	7.15	10.73
Ctbp2	8.47	2.97	4.62
Rplp2	273.98	165.52	189.24
Tssc4	28.95	16.58	19.36
Osbp15	4.65	2.31	3.24
Gins4	23.07	16.55	18.16
Adgra2	11.21	3.44	6.73
Hand2	3.71	0.97	2.07
Hmgb2	55.2	25.67	41.42
Nr2c2ap	23.28	15.57	17.68
Lsm4	38.06	19.61	22.38
Mpv17l2	22.06	14.78	14.91
Ushbp1	10.72	4.98	5.23
Ankle1	3.79	1.38	2.49
Plvap	51.69	21.56	42.93
Cklf	2.57	1.12	1.14
Exoc3l	3.89	1.54	2.68
Glg1	76.72	48.08	59.13
Maf	32.39	10.66	30.09
Hsbp1	101.57	67.64	70.02
Gins2	10.96	4.72	10.6
Irf8	24.14	10.06	20.69
Cyba	23.48	9.73	20.5
Amotl1	30.37	6.6	8.49
Pin1	37.53	21.23	23.21
Cdkn2d	9.33	5.36	5.49
Spc24	15.43	7	10.21
Gm10698	41.24	13.39	21.2
Esam	21.02	9.57	12.75
Il10ra	12.28	6.07	12.27
Tagln	11.61	3.82	6.46
Rps27l	155.95	96.54	101.68
Chst2	11.57	2.71	4.2
Itga9	34.84	17.8	31.52
Vipr1	10.94	3.12	6.31
Fbxo5	5.84	2.52	4.3
Tcf21	2.21	0.57	1.05
Ctgf	78.78	39.39	41.1
Rspo3	2.58	0.6	1.18
Cenpw	3.61	1.14	1.68
Hint3	18.58	11.61	12.39
Fyn	9.83	4.63	8.24
Snrpd3	52.32	28.76	35.36
Derl3	22.35	3.98	6.94
Oaz1	492.97	249.73	322.34
Arl1	66.35	44.04	48.73
Ndufa12	34.45	18.52	19.29
Mettl1	19.93	12.72	14.41
Ddit3	43.54	20.69	23.06
Gpr182	10.03	3.57	9.23
Sec61g	73.18	34.24	35.67
Stc2	17.23	6.73	17.09
Hint1	194.96	112.61	124.97
Grp	3.66	1.49	3.37
2410006H16Rik	43.03	17.86	29.13
Tvp23b	40.04	27.48	30.46
Gas7	20.99	8.25	9.69

Supplementary Table S2 (continued)

NAME	$\Delta 90+YAP^{S127A}$	$\Delta 90+YAP^{S127A} +NFE2L2-WT$	$\Delta 90+YAP^{S127A} +L30P/R34P$
Arhgef15	6.76	2.95	4.81
Pfas	18.64	12.21	15.19
Naa38	18.11	10.14	10.62
Tmem88	2.23	0.83	2.03
Fam64a	3.83	0.67	1.96
Fam101b	8.24	3.54	5.36
Al662270	7.92	2.68	7.04
Tbx2	9.54	2.02	3.34
Ngfr	5.83	1.41	3.12
Gngt2	7.28	2.53	5.45
Krt10	2.52	0.76	0.88
Krt19	10.05	2.27	5.82
Rpl27	320.62	172.54	199.99
Icam2	3.31	1.51	3.22
Rpl38	157.12	57.26	69.11
Ten1	3.61	1.65	3.28
Cygb	44.27	12.66	14.11
Mxra7	8.21	2.39	3.34
Alyref	45.37	18.49	21.45
Colec11	25.86	7.75	19.31
Pxdn	14.22	5.24	10.94
Gm5785	6.67	3.61	4.57
Psma6	97.36	67.88	68.85
Nfkbia	48.28	32.95	36.77
Rps29	229.39	47.82	59.9
Lrr1	1.53	0.49	0.98
Rpl36al	209.73	134.15	136.87
Rhoj	4.05	1.54	2.61
Churc1	19.16	8.47	10.78
Vti1b	58.5	41.25	41.74
Acyp1	5.33	2.44	3.3
Tgfb3	18.6	5.39	11.27
Vash1	21.62	6.62	9.67
Slirp	19.94	8.9	9.14
Ifi2712a	12.35	4.44	11.47
Ckb	12.03	5.67	10.47
2010107E04Rik	53.69	26.47	28.2
Stard3nl	23.08	16.12	18.83
Gmnn	13.43	7.86	11.58
Myip	7.91	3.27	7.56
S1pr3	4.22	1.41	2.75
Mxd3	7.5	2.63	3.95
Tmed9	168.6	89.3	94.07
Pcbd2	20.32	9.28	10.65
Hnrnpa0	228.73	137.88	150.02
Cox7c	135.61	52.75	57.02
Rps23	402.08	162.3	212.99
Tbca	77.78	34.32	36.66
Nduraf2	10.42	5.72	5.86
Plpp1	9.61	5.26	8.92
Ube2e2	35.83	23.99	28.01
Nt5dc2	13.04	6.57	12.49
Fam25c	72.93	14.99	16.69
Psmb5	34.91	19.56	26.8
Mphosph8	24.93	16.02	21.86
Mrpl57	25.34	14.51	16.95
Pdim2	4.65	1.26	2.96
Zc3h13	36.9	23.65	30.1
Commd6	27.61	17.72	18.54
Rpl37	244.48	108.5	121.33
Sub1	66.83	41.44	43.42
Rpl30	39.53	19.2	21.45
Cox6c	108.64	66.95	67.24
Eny2	66.04	46.31	47.52
Col14a1	43.94	15.66	37.43
Ptp4a3	24.09	10.5	15.69
Gpihbp1	14.75	5.04	11.38
Scx	4.93	0.48	0.57
Cyth4	30.5	13.49	29.85
Mapk12	3.26	1.24	1.85
Shank3	9.77	4.66	5.29
Ccnt1	12.44	7.47	8.91
Hnrnpa1	195.21	131.21	176.8
Sdf2l1	70.64	32.09	34.75
Cldn5	10.31	2.58	5.77

Supplementary Table S2 (continued)

NAME	$\Delta 90+\text{YAP}^{\text{S127A}}$	$\Delta 90+\text{YAP}^{\text{S127A}} + \text{NFE2L2-WT}$	$\Delta 90+\text{YAP}^{\text{S127A}} + \text{L30P/R34P}$
Rpl35a	44.39	13.48	14.24
Fstl1	25.39	8.6	13.82
Cox17	31.4	15.26	15.74
Ccdc80	40.64	10.85	17.4
Rpl24	344.45	222.2	233.83
Cldn8	2.73	0.05	0.06
Erg	6.01	2.56	4.79
Tmem181a	6.28	2.8	5.23
Sft2d1	25.55	16.08	19.21
Neur1b	17.68	8.13	11.18
Kifc5b	5.83	2.39	3.64
Uqcc2	28.71	11.99	12.03
Lemd2	57.46	32.21	35.14
Mtch1	129.13	85.6	93.44
Fgd2	13.39	5.63	13.14
Kank3	8.05	4.28	4.87
Rps28	190.68	58.36	60.68
Ndufa7	63.75	41.62	42.33
Pfdn6	34.17	19.77	22.13
H2-Eb1	5.81	1.79	2.66
Mrpl14	64.81	33.85	44.69
Mea1	55.16	33.77	34.43
2410015M20Rik	71.93	27.65	31.33
Alkbh7	12.28	6.45	6.87
Rab31	17.21	9.68	15.7
Ralbp1	92.2	65.57	72.13
Trmt61b	5.41	2.86	3.02
Lbh	24.12	8.97	17.57
Ehd3	23.97	7.55	15.99
Cebpzoz	13.39	8.75	9.85
Zmat2	47.98	34.03	36.01
Arap3	14.32	6.9	10.37
Pcdh12	6.53	2.76	4.33
Tnfaip8	7.4	3.52	6.71
Ppic	11.71	4.99	9.68
Tcf4	35.85	15.64	17.6
Ier3ip1	26.89	17.36	18.16
Banf1	56.49	34.36	36.46
Drap1	96.56	41.58	46.89
Sipa1	37.44	23.83	24.9
Fau	444.8	232.19	249.76
Ccdc88b	13.39	6.08	10.37
Prdx5	183.54	120.57	134.32
Polr2g	25.72	16.9	17.48
Tmem258	48.26	17.29	18.73
Gnaq	39.15	28.43	35.64
Add3	24.69	13.06	15.35
Ndufb11	115.47	59.53	65.66
Ndufa1	35.39	12.82	13.7
Ssr4	101.49	65.24	81.01
Lage3	23.19	15.43	15.7
Las1l	43.24	31.93	39.36
Cox7b	75.35	49.31	58.99
Rpl36a	190.44	131.2	148.77
Armcx4	12.17	2.12	6.48
Armcx2	4.54	1.45	3.18
Ngfrap1	20.58	11.5	14.1
Psmc10	22.64	16.24	19.61
Mageh1	2.89	1.4	2.49
Eif1ax	44.28	30.61	38.27
Itih5	13.77	37.45	5.83
A530020G20Rik	2.73	6.08	2.33
Ppbp	3.32	18.82	3.01
Zfp605	10.52	16.28	10.41
Atoh8	26.18	57.85	23.54
Anpep	148.16	213.13	144.83
Zfp868	17.01	25.24	15.3
Elovl2	222.37	466.57	194.98
Phf11d	7.58	13.98	6.71
Thpo	16.45	25.23	14.93
Lims2	77.18	126.74	66.89