

Supplemental Table.

Differentially expressed genes in E7 expressing cells (Varying between 1.7-fold and 4.3-fold).

A. Genes up-regulated			B. Genes down-regulated	
Number	Gene	Ratio	Gene	Ratio
1	S100P	4.274407788	VIM	-4.272913188
2	TPD52	3.823444268	TNFRSF6B	-4.129073074
3	DHFR	3.537585352	MMP1	-3.676386287
4	CCNE2	3.396216705	GYLTL1B	-3.056451768
5	NMU	3.269252082	MYADM	-2.918441148
6	FAM111B	3.25591386	IFITM2	-2.559248391
7	DTL	3.060403002	TFPI2	-2.527640907
8	CDC6	2.996441877	FBXO2	-2.312199061
9	MLF1IP	2.845025977	TNC	-2.216832961
10	ATAD2	2.735178041	PLBD2	-2.152343324
11	ASPM	2.657382307	DKK3	-2.152137632
12	BRCA1	2.628424218	PEG10	-2.087876621
13	TFAP2C	2.621962042	FADS3	-2.073008603
14	HELLS	2.609161111	CHPF	-2.023880624
15	POF1B	2.551917527	SDC3	-2.021005712
16	TTK	2.525055774	RRAS	-2.020477167
17	MCM5	2.46243949	SERPINE2	-2.003669259
18	HIST3H2BB	2.449637476	COL7A1	-1.996505496
19	GRHL1	2.445122756	FN1	-1.972848742
20	RRM1	2.425835659	IFITM3	-1.968368532
21	ATAD5	2.386655648	PDGFA	-1.965137157
22	SPRR2A	2.337895384	OPLAH	-1.959542352
23	S100A7	2.335311094	SMARCA1	-1.956758449
24	BIRC3	2.332367756	MMP28	-1.953242412

25	SASS6	2.329675286	TIMP1	-1.949341928
26	RFC3	2.315269176	ZDHHC8	-1.947612766
27	MCM4	2.306659506	PC	-1.944364037
28	PVRL4	2.297718339	RHOB	-1.938904531
29	TCF19	2.292616077	CCDC127	-1.913342072
30	MCM7	2.288770531	FHL1	-1.910931356
31	ASF1B	2.278653404	AMIGO2	-1.904727969
32	WDHD1	2.260351641	GALNT5	-1.887104221
33	ZWINT	2.26015505	IGFBP6	-1.883477101
34	MAL2	2.259670918	MT1E	-1.875464651
35	RBL1	2.225676406	PLOD3	-1.869233553
36	MCM6	2.223256527	MAGED1	-1.867206734
37	TICRR	2.221244995	GPR153	-1.866912036
38	MSH2	2.210338298	EMP3	-1.862310213
39	CDK1	2.197079706	RABAC1	-1.856879977
40	NUSAP1	2.193242998	B3GALT6	-1.849229161
41	CHAF1A	2.186913829	UCN2	-1.84834606
42	ZNF750	2.180293376	LEPRE1	-1.848001662
43	TOP2A	2.179254022	LOXL2	-1.844734777
44	IGFL1	2.174115879	TYMP	-1.84036317
45	LCN2	2.155659886	TAP1	-1.836739492
46	UHRF1	2.153488593	COMT	-1.833002053
47	LIN54	2.146472759	HHLA3	-1.831973102
48	YEATS4	2.139932775	POTEI	-1.828581881
49	PLXDC2	2.125876643	C8orf82	-1.825132277
50	RFC5	2.12464933	PLAU	-1.823921487
51	TMPO	2.107398665	PCSK9	-1.819935678
52	WDR76	2.101733086	GRAMD1A	-1.817821476
53	NEK2	2.10030439	TNFRSF21	-1.797858216

54	GINS1	2.10030439	PNPLA6	-1.78118455
55	CDC45	2.090206773	UBE2L6	-1.774561727
56	NCAPG	2.089266001	MFSD3	-1.773332016
57	S100A12	2.088307503	PTHLH	-1.771458444
58	GINS2	2.071793471	C9orf89	-1.765830611
59	MKI67	2.057120568	ALDH2	-1.765519232
60	HES4	2.043597185	MT2A	-1.752313979
61	S100A9	2.025354874	LTBP1	-1.748976925
62	FIGNL1	2.017665853	NRBP2	-1.745631849
63	FAM111A	2.011856037	CYP27B1	-1.743432416
64	DONSON	2.008964516	TYSND1	-1.741266104
65	CENPK	2.004770897	CD99	-1.738986529
66	SMC2	2.004761178	SERPINH1	-1.734299176
67	BRCA2	1.993583995	ERCC2	-1.733823905
68	RRM2	1.987261428	SPARC	-1.71708449
69	RAD51AP1	1.978639434	LOC100996317	-1.715627301
70	STIL	1.977134224	EXT1	-1.711606173
71	KIF20B	1.976079954	RFNG	-1.711182579
72	CEP152	1.976040446	KCNN4	-1.704642232
73	APOBEC3B	1.967027115	CYR61	-1.704139956
74	CASP8AP2	1.962406675	TRADD	-1.703726446
75	H1FO	1.962217401	CYBA	-1.702228815
76	NCAPG2	1.961508662	SH2B3	-1.699674747
77	EMP2	1.960825495	JAG1	-1.699388312
78	E2F1	1.954406228	GAA	-1.699100125
79	PRC1	1.949054974	ITGB4	-1.69499241
80	ZNF431	1.947957395	MT1X	-1.692575889
81	RAD54B	1.93418798	MFAP2	-1.691706564
82	MELK	1.932762414	APOE	-1.681502302

83	KRT4	1.927671675	SLC6A8	-1.681169249
84	KRT13	1.919589083	ECH1	-1.671448615
85	PRIM1	1.918049717	FHL2	-1.671391464
86	DEPDC1	1.916835819	SH3BGRL3	-1.670249466
87	POLD3	1.914861031	UTRN	-1.668081541
88	PCNA	1.909906246		
89	POLA1	1.90695985		
90	EFNA3	1.906901146		
91	CENPE	1.902466666		
92	CDKN2A	1.895467011		
93	MCM2	1.888735267		
94	SMC4	1.884656767		
95	KRT23	1.881764668		
96	SH2D4A	1.880525592		
97	MDM2	1.878682467		
98	MTBP	1.875840362		
99	RPA2	1.870207207		
100	KIF11	1.867315158		
101	NCAPD3	1.861861345		
102	CASC5	1.854608405		
103	HIST3H2A	1.844932392		
104	HMMR	1.834881308		
105	ANLN	1.833854175		
106	SERPINB13	1.823634903		
107	CDC25A	1.822102076		
108	MMS22L	1.821523246		
109	ORC1	1.821224935		
110	ID2	1.819661067		
111	MRE11A	1.815400531		

112	TOPBP1	1.814043973
113	FANCI	1.811338185
114	KNTC1	1.805731113
115	KIF2C	1.803030538
116	DEK	1.798270126
117	CDC7	1.794573828
118	MYBL2	1.792959518
119	FOXQ1	1.792708895
120	ARHGEF37	1.791909059
121	TGM1	1.791838568
122	MASTL	1.791250989
123	BRIP1	1.790644127
124	CBX5	1.78811659
125	FAM84A	1.787167119
126	DIAPH3	1.779225725
127	POLE	1.779207192
128	CCNA2	1.778956043
129	GMNN	1.777056502
130	MSH6	1.775960545
131	BARD1	1.771004912
132	FOXN1	1.764044702
133	CENPQ	1.760701654
134	LMO7	1.752343706
135	CHML	1.74908292
136	DSN1	1.747031491
137	DENND1B	1.729683351
138	DLGAP5	1.729310452
139	HAT1	1.721988693
140	CREG1	1.721181667

141	FANCL	1.719262229
142	CHAF1B	1.718430865
143	POLQ	1.716888457
144	CDK2	1.716451042
145	RPA1	1.714909514
146	LBR	1.709589412
147	MAPK13	1.708810787
148	S100A8	1.705493777
149	KIF4A	1.70385699
150	MCM3	1.702197375
