

Supplemental Tables

Table S1. The Genomic Position of the Cloned Common Fragile Sites and the Percent of LOH from the Informative SNPs in These Sites in Keratinocytes Expressing E6/E7 for 250 Days, Related to Figure 1

Name	Genomic position	First DNA marker	Last DNA marker	% LOH
FRA1E	chr1:97590551-97775984	RP11-359C24	RP11-359C24	14
FRA1H	chr1:215747462-224071249	RP11-157G15	RP11-145A3 (AC099066)	17
FRA2G	chr2:169206756-170180166	RP11-285F23 (AC009475.5)	724o16 (AC093899)	0
FRA3B	chr3:59594241-64182258	D3S3577 (AFMA210ZA9)	D3S1287 (AFM198TE7)	21
FRA4F	chr4:89423578-97531947	RH94252	D4S2407	19
FRA6E	chr6:160500260-163733950	RH92608	RH63999	12
FRA6F	chr6:106914430-112526158	SHGC-140029	D6S1259	14
FRA6H	chr6:27444496-35124983	RP1-153G14	RP11-174N3	15
FRA7E	chr7:80076100-84773885	swss4015	SHGC-104456	28
FRA7G	chr7:110002495-116223632	RH122988	D7S2460	17
FRA7H	chr7:129561870-130586320	A006N09	D7S2531	22
FRA7I	chr7:144515774-145723576	D7S1477	D7S739	27
FRA8C	chr8:124267550-128310523	D8S1160	SHGC-130454	13
FRA9E	chr9:108363908-118078904	SHGC-106699	RH62868	13
FRA9G	chr9:17136369-17438541	RP11-340N12	RP11-492A12	50
FRA11E	chr11:32043691-33948551	D11S1301	D11S4965	31
FRA11F	chr11:83931850-91370034	rp11-613j18	RP11-841F15	19
FRA11G	chr11:113877495-116515577	RP11-172C16 (AC020549.4)	RP11-823O21 (AP000936)	10
FRA13E	chr13:72407018-74670617	RP11-505F3 (AL354720)	RP11-132L12	18
FRA16D	chr16:76161223-77681818	D16S3138	WI-2755	17

Table S2. Main Copy Number Variations in Keratinocytes Expressing E6/E7 for 250 Days, Related to Figure 1

Copy Number State	Loss/Gain	Chr Cytoband
1	Loss	1p36.31-p36.33
3	Gain	4p15.33-p16.3
3	Gain	7p11.1-p22.3
1	Loss	8p23.3-11.21
3	Gain	8q11.1-q24.3
1	Loss	10q11.21-q11.22
3	Gain	11p15.5-q25
3	Gain	20p13-q13.33
1	Loss	Xq28
1	Loss	2q11.2
1	Loss	2q13
1	Loss	2q21.1
1	Loss	4q35.2
1	Loss	12q13.12
3	Gain	12q24.33
3	Gain	19q13.33
1	Loss	21q11.2
3	Gain	Xp11.4
1	Loss	Xq13.3
3	Gain	Xq22.3

Table S3. Related to Figures 2, 3, and 4

A. Deoxynucleotide Levels in Keratinocyte Cells, nmol/10⁶ cells, n.d – not detectable

	dATP	TTP	dCTP	dGTP
Primary	0.0089±0.0025	0.0147±0.0052	0.0039±0.0015	0.0015±0.00092
E6/E7	0.0022±0.0005	0.0061±0.0018	0.0008±0.0002	0.0008±0.0005
E6/E7 + AUCG	0.0077±0.0004	0.0433±0.0165	0.0024±0.0006	0.0007±0.0001
E6/E7+myc	0.0079±0.0019	0.0180±0.0022	0.0027±0.0006	0.0006±0.0001

B. Ribonucleotide Levels in Keratinocyte Cells, nmol/10⁶ cells, n.d – not detectable

	ATP	UTP	CTP	GTP
Primary	8.31±1.48	0.74±0.24	0.21±0.08	1.12±0.23
E6/E7	4.46±0.58	0.35±0.06	0.07±0.1	0.62±0.07
E6/E7 + AUCG	5.02±0.75	0.81±0.18	0.16±0.03	0.63±0.11
E6/E7+Myc	6.49±0.82	0.66±0.08	0.12±0.01	0.85±0.08

C. Deoxynucleotide Levels in BJ Cells, nmol/10⁶ cells, n.d – not detectable

	dATP	TTP	dCTP	dGTP
BJ vector	0.041587	0.050818	0.006174	n.d
BJ cycE	0.004482	0.033579	n.d	n.d
BJ cycE c-myc	0.044793	0.326669	0.044927	0.007817

D. Ribonucleotide Levels in BJ Cells, nmol/10⁶ cells, n.d – not detectable

	ATP	UTP	CTP	GTP
BJ vector	2.49±0.25	0.67±0.05	0.17±0.01	0.43±0.04
BJ cyclin E	1.17±0.26	0.33±0.08	0.10±0.02	0.22±0.05
BJ cyclinE c-myc	4.89±0.53	1.68±0.12	0.43±0.29	1.00±0.07

E. Ribonucleotide Levels in Fibroblast Cells, nmol/10⁶ cells, n.d – not detectable

	ATP	UTP	CTP	GTP
Fib vector	9.361509	2.497809	0.46418	1.627877
Fib cycE	6.563529	1.686674	0.328147	1.106152
Fib cycE c-myc	9.768116	3.048007	0.658514	1.629529