Table 1A-S. Genes down-regulated in the two micro-array experiments comparing U87-mock and U87-LGI1 cells.

LGI1 Exp ()*	Mock				LGI1					
Systematic	Normalized	StdDev Norm	Flags	Raw	Normalized	StdDev Norm	Flags	Raw	Common	Genbank
437_at	1,4414614	0,19179663	P	117,85	0,4571347	0,32798	P	36,6	STMY1 STMY	X05232
34009_at	2,127573	0,77663624	P	48,8	0,3617844	0,38720322	P,A	7,85	LAGE-1 CAMEL LAGE1	AJ223040
41622_r_at	1,469276	0,32711074	P	15,75	0,4556314	0,39956206	P,A	4,65		AA868898
35333_r_at	1,7203125	0,399717	P	10,65	0,2193851	0,3696287	A	1,35	GN-2	AB024518
1016_s_at	2,0541408	0,6606438	P	530,55	0,3962841	0,33859396	P	100,95	IL13BP	U70981
33637_g_at	1,9133046	0,40602186	P	503,7	0,4208764	0,28491512	P	107	NY-ESO-1 CTAG	U87459
41216_r_at	2,9233513	2,04404	P,A	11,15	0,863187	0,41221303	P,M	3,15	Id-2H	D13891
39212_at	2,430766	1,5387349	P,A	5,15	0,4912661	0,5767537	A	1		AF038179
488_at	1,6688435	0,26502478	P,A	19,4	0,265663	0,3279529	A	2,95		U61166
937_at	1,9187272	0,33524963	P,M	29,7	0,3302247	0,28950176	A	4,95		HG3934-HT4204
39608_at	3,8638275	3,9652755	P,A	3,8	0,5698186	0,9699865	A	0,55	SIM	U80456
35082_at	5,1313696	4,982478	P,A	5,15	0,4659457	0,9701	A	0,45	HTX HTX1 ZNF203	AF028706
33715_r_at	1,9723614	1,2811766	P,A	4,3	0,6419138	0,556689	A	1,35	NAIP	U80017
32297_s_at	1,8116969	0,32737303	P,A	16,5	0,2461331	0,3153538	A	2,2	NKG2-C NKG2C	AJ001684
39210_at	1,6192021	0,52253956	P,A	17,6	0,5045565	0,4418271	A	5,4	FCT3A FUC-TIV	M58597
36477_at	2,654023	1,6012723	P,A	7	0,4240009	0,5433199	A	1,1	TNNC1	X90780
35702_at	1,7539032	0,21318318	P,M	34,65	0,1927685	0,30451012	A	3,75	HSD11 HSD11L HSD11B	M76665
31703_at	2,6345403	1,1193228	P,A	7,35	0,1474313	0,43715107	A	0,4	CHRNA6	U62435

LGI1_down3 AND (comp1 AND comp2)
LGI1_down3 AND (comp1 OR comp2)

The data obtained were analysed as follows: first we selected genes up- or down-regulated in the presence of LGI1 showing a SigLogRatio >|1.58| (i.e. with a base 2 log of the fold change equal to 3). Using this threshold, we isolated 35 and 111 probe sets, respectively, in the first and the second experiment. We then selected probe sets showing at least a three-fold variation in their expression compared to the average normalized values of mock-transfected and LGI1-transfected cells. We considered probe sets with decreased expression in at least one replica of the experiment based on U87-mock cells and probe sets with increased expression in at least one replica of the experiment based on U87-LGI1 cells.

Table 1B-S. Genes up-regulated in the two micro-array experiments comparing U87-mock and U87-LGI1 cells.

Accession # for TIMP-3 is U14394.

LGI1 Exp ()*	Mock				LGI1					
Systematic	Normalized	StdDev Norm	Flags	Raw	Normalized	StdDev Norm	Flags	Raw	Common	Genbank
33680_f_at	0,5582072	0,25623602	P,A	16,85	1,9134145	0,7019207	P	56,75	GAGE7	AF058988
33671_f_at	0,4945991	0,18795379	P,A	18,15	1,8800602	0,47386453	P	67,3	GAGE4	U19145
33517_f_at	0,6106664	0,22412941	P	15,9	2,0068998	0,7800809	P	50,05	MAGE3	U03735
34575_f_at	0,5618374	0,26689765	P	12,85	2,1985834	0,9787916	P	48	MAGE5	U10689
41504_s_at	0,5142885	0,2018971	P	42,65	1,5431716	0,31938472	P	124,7	c-maf	AF055376
41505_r_at	0,4141341	0,30588353	P,A	8,45	1,4999652	0,31938332	P	29,95	c-maf	AF055376
31599_f_at	0,6300044	0,21747398	P	14,35	2,9234385	1,6611258	P	63,45	MAGE6	U10691
31498_f_at	0,5588921	0,19686927	P,A	18,15	1,9004908	0,584042	P	60,25	GAGE6	U19147
208_at	0,2673444	0,32609165	A	2,05	1,774509	0,31725028	P	13,2	CAPR CTNR CAP-R	M94151
31960_f_at	0,4084411	0,3010214	P,A	13,8	1,717747	0,45909473	P	57	GAGE2	U19143
1035_g_at	0,6673532	0,25687355	P	68,65	2,2041106	1,0918232	P	216,2	SFD	U14394
31954_f_at	0,5298957	0,26302972	P,A	11,35	2,1090643	0,85501444	P	44,45	GAGE3	AA447559
38627_at	0,3065698	0,39178368	A	1,85	1,661314	0,32296014	P,A	9,75	HLF	M95585
38886_i_at	0,4041101	0,5034102	A	2,75	1,2808292	0,31671476	P,A	8,55	NOEY2	U96750
41722_at	0,7532602	2,1003737	A	0,75	4,202297	3,7251742	P,A	3,95		U40490
39592_r_at	0,3549058	0,8021811	A	1	1,914537	0,6744151	P,A	5,15	T49	Z36531
34965_at	0,4606052	0,43366733	A	2,8	1,554867	0,38750422	P,A	9,25	CMAP	AF031824
34564_at	0,5954745	0,54644907	A	2,45	1,9055132	0,7147297	P,A	7,55	EPHA5	X95425
33714_at	0,5776069	0,35087505	A	10,65	1,7436416	0,6662258	P,A	30,7	HMG2a	Y10043
38263_at	0,4676151	0,612911	A	1,8	1,5929906	0,47529468	P,A	5,95	VTSIP	X98330
37611_at	1	1,7376577	A	1,2	3,660476	3,425451	P,A	4,15	OPG OCIF TR1	AB008822
36232_at	0,6161659	0,5406783	P,A	9,65	2,022406	1,1673205	P,A	29,95	FGF2 FHF2	U66198
33047_at	0,3821765	0,41914085	A	3,2	1,5128348	0,3547439	P,A	12,35	BCL2L11	AI971169

LGI1_up3 AND (comp1 AND comp2)
LGI1_up3 AND (comp1 OR comp2)