Appendix

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Table of content :

Appendix Figure S1. Microphotography showing the different Ki67 staining levels in panel A and differentiation degrees in panel B used for the semi quantitative scoring. For panel A, score 0 [no tumor nuclei positive staining]; score 1 [1-25% tumor nuclei positive staining]; score 2 [26-50% tumor nuclei positive staining]; score 3 [51-75% tumor nuclei staining]; score 4 [76-100% tumor nuclei positive staining]. The percentage of tumor cell staining was independently counted by three authors (BB, MB, and ND) and with « eyeballing » methodology. For panel B, score 0 correspond to the fully undifferentiated state, score 1 to the moderately differentiated state and score 2 correspond to the fully differentiated state. The differentiation degrees were independently appreciated by two independent pathologists (V.S and S.G.). Scale bars represent 100 µm in both panels.

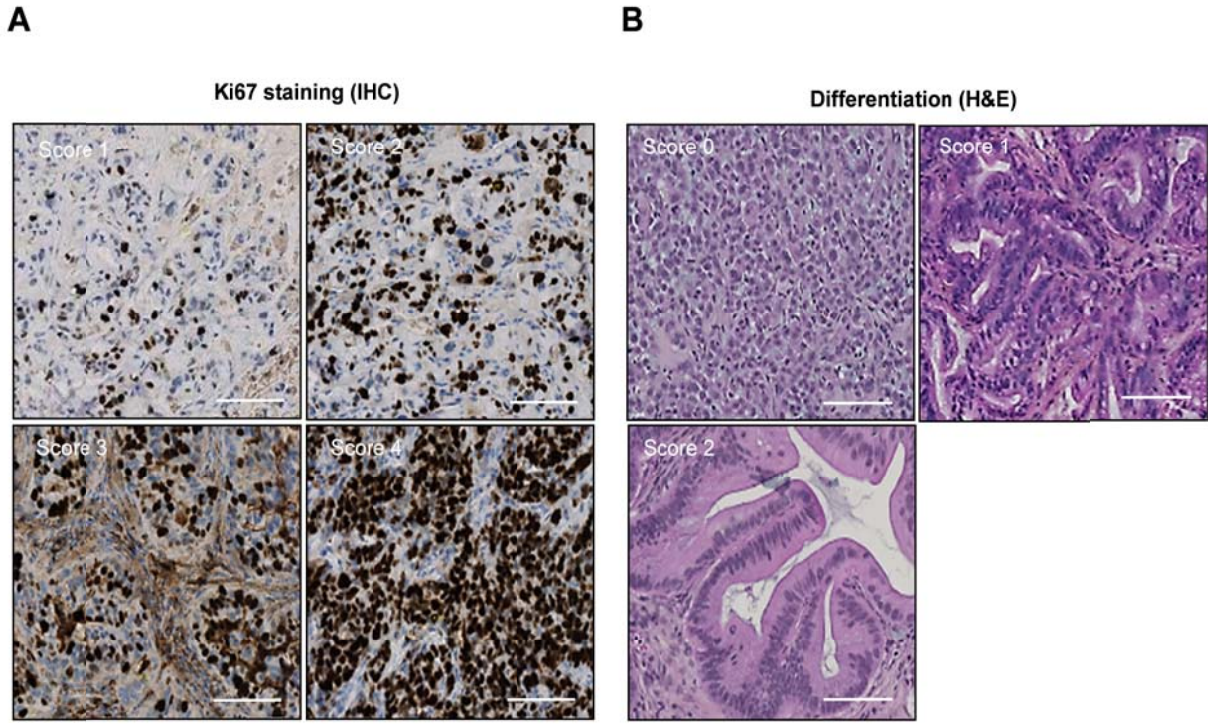

Figure S1

Appendix Figure S2: c-Myc copy number analysis in MYC-high and MYC-low subgroups.

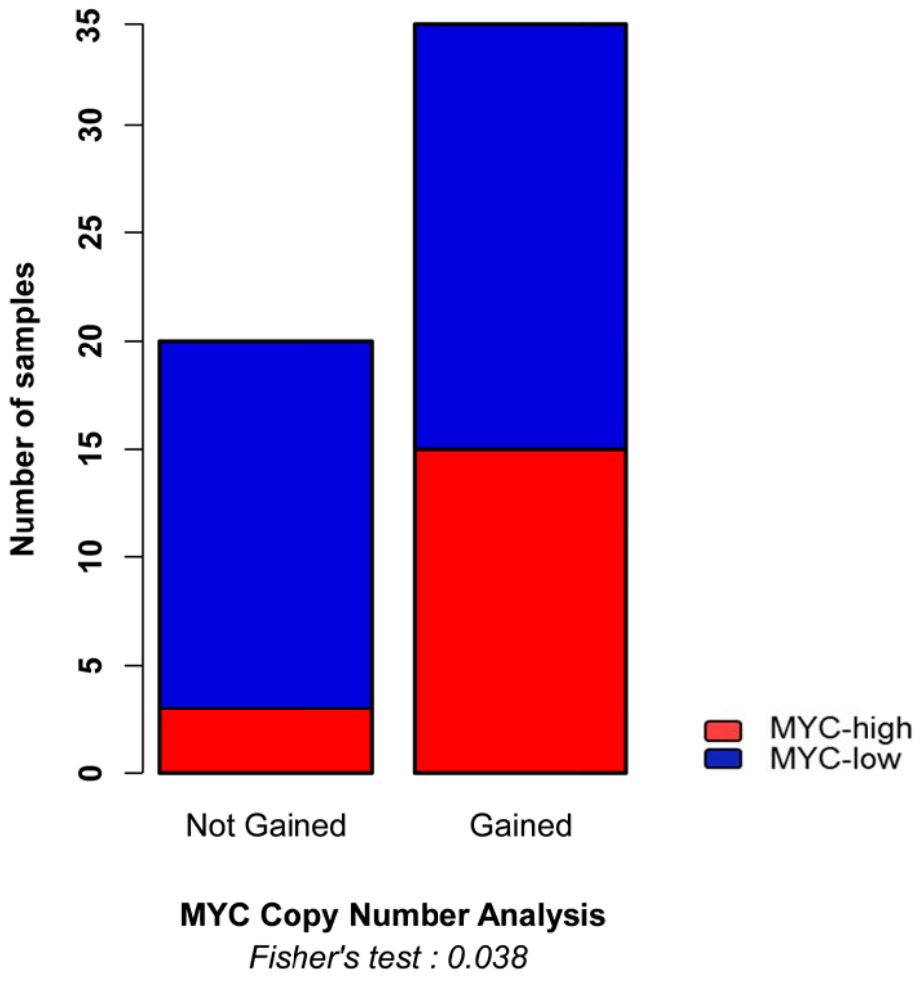

Figure S2

SNP arrays analysis Illumina Infinium HumanCode - BeadChip SNP arrays were used to analyze the DNA samples. Data is expressed as *MYC* gained (one or more alleles) or not gained in MYC-high and MYC-low samples.

Appendix Table S1: List of the 239 c-MYC target transcripts used for differential expression analysis between MYC-high and MYC-low subgroups.

Rank	gene symbol	Affymetrix probeset ID's	T-Test (median)	p-value	FDR(BH)	Fold Change
1	**KPNA2**	16837270	8,98	0.001996	0.004458	1,74
2	**SNRPD2**	16873391	7,76	0.001996	0.004458	1,31
3	**YWHAQ**	16894361	7,64	0.001996	0.004458	1,2
4	**RUVBL2**	16863946	7,56	0.001996	0.004458	1,48
5	**PLK1**	16817017	7,03	0.001996	0.004458	1,6
6	**ERH**	16794256	6,84	0.001996	0.004458	1,36
7	**MCM2**	16945101	6,7	0.001996	0.004458	1,51
8	**CCNA2**	16979515	6,6	0.001996	0.004458	1,61
9	**CDC20**	16663514	6,58	0.001996	0.004458	1,73
10	**XPO1**	16898110	6,57	0.001996	0.004458	1,33
11	**PSMA2**	17057035	6,5	0.001996	0.004458	1,34
12	**TCOF1**	16991078	6,31	0.001996	0.004458	1,37
13	**PSMD7**	16821021	6,22	0.001996	0.004458	1,4
14	**RFC4**	16962493	6,21	0.001996	0.004458	1,65
15	**EIF4H**	17047073	6	0.001996	0.004458	1,28
16	**KARS**	16828514	5,95	0.001996	0.004458	1,38
17	**MAD2L1**	16979389	5,75	0.001996	0.004458	1,68
18	**PHB2**	16760649	5,7	0.001996	0.004458	1,56
19	**CCT4**	16898175	5,6	0.001996	0.004458	1,42
20	**CDK4**	16766683	5,53	0.001996	0.004458	1,58
21	**PSMD14**	16886919	5,49	0.001996	0.004458	1,33
22	**TRIM28**	16866337	5,44	0.001996	0.004458	1,36
23	**HSPD1**	16906962	5,43	0.001996	0.004458	1,39
24	**MCM7**	17060412	5,31	0.001996	0.004458	1,55
25	**PLK4**	16970563	5,26	0.001996	0.004458	1,95
26	**C1QBP**	16840284	5,04	0.001996	0.004458	1,34
27	**MCM4**	17068782	5,02	0.001996	0.004458	1,61
28	**CCT5**	16983172	4,98	0.001996	0.004458	1,37
29	**PRDX4**	17102111	4,97	0.001996	0.004458	1,31
30	**MRTO4**	16660199	4,93	0.001996	0.004458	1,36
31	**PRPS2**	17101517	4,92	0.001996	0.004458	1,36

32	**NDUFAB1**	16825097	4,92	0.001996	0.004458	1,32
33	**TBRG4**	17057433	4,83	0.001996	0.004458	1,21
34	**PRPF31**	16865193	4,77	0.001996	0.004458	1,28
35	**RRM1**	16721126	4,74	0.001996	0.004458	1,47
36	**EIF2S2**	16918485	4,69	0.001996	0.004458	1,29
37	**MCM6**	16903090	4,68	0.001996	0.004458	1,55
38	**PCNA**	16916958	4,61	0.001996	0.004458	1,44
39	**SSB**	16887334	4,58	0.001996	0.004458	1,25
40	**SRM**	16681611	4,54	0.001996	0.004458	1,7
41	**PRDX3**	16718922	4,54	0.001996	0.004458	1,42
42	**LAS1L**	17111688	4,5	0.001996	0.004458	1,33
43	**HNRNPR**	16683271	4,44	0.001996	0.004458	1,25
44	**EIF1AX**	17109706	4,36	0.001996	0.004458	1,37
45	**GSPT1**	16824004	4,35	0.001996	0.004458	1,34
46	**KPNB1**	16835272	4,28	0.001996	0.004458	1,23
47	**PPM1G**	16895848	4,27	0.001996	0.004458	1,29
48	**EIF3M**	16723294	4,24	0.001996	0.004458	1,29
49	**CANX**	16993397	4,23	0.003992	0.007633	1,15
50	**PSMA1**	16736049	4,21	0.001996	0.004458	1,25
51	**RNPS1**	16823097	4,14	0.001996	0.004458	1,25
52	**PTGES3**	16766283	4,14	0.001996	0.004458	1,21
53	**RPL6**	16770445	4,12	0.001996	0.004458	1,33
54	**H2AFZ**	16978334	4,06	0.001996	0.004458	1,29
55	**UTP20**	16755750	4,05	0.001996	0.004458	1,71
56	**TRA2B**	16962359	4,05	0.007984	0.01344	1,18
57	**RANBP1**	16927198	4,02	0.003992	0.007633	1,24
58	**TYMS**	16850477	4,01	0.001996	0.004458	1,7
59	**NHP2**	17003479	4,01	0.001996	0.004458	1,4
60	**ETF1**	17000465	4	0.001996	0.004458	1,31
61	**USP1**	16665447	3,99	0.001996	0.004458	1,39
62	**CNBP**	16958953	3,93	0.001996	0.004458	1,18
63	**GLO1**	17018812	3,9	0.003992	0.007633	1,35
64	**PSMA7**	16920910	3,9	0.001996	0.004458	1,32
65	**RAN**	16759202	3,84	0.001996	0.004458	1,45
66	**VDAC3**	17068541	3,82	0.001996	0.004458	1,31
67	**SF3B3**	16820787	3,81	0.001996	0.004458	1,36

68	**STARD7**	16900450	3,8	0.001996	0.004458	1,26
69	**PABPC4**	16685669	3,79	0.001996	0.004458	1,27
70	**CDK2**	16752305	3,76	0.001996	0.004458	1,31
71	**GOT2**	16826985	3,71	0.001996	0.004458	1,46
72	**SNRPB2**	16911605	3,71	0.001996	0.004458	1,26
73	**SSBP1**	17052394	3,68	0.01198	0.01947	1,18
74	**PSMB2**	16685144	3,67	0.001996	0.004458	1,22
75	**DHX15**	16974873	3,65	0.005988	0.0106	1,13
76	**SRSF1**	16846993	3,65	0.007984	0.01344	1,15
77	**CAD**	16878137	3,63	0.001996	0.004458	1,51
78	**TCP1**	17025297	3,62	0.001996	0.004458	1,45
79	**NOC4L**	16759500	3,62	0.001996	0.004458	1,34
80	**G3BP1**	16991261	3,61	0.001996	0.004458	1,21
81	**CCT7**	16881485	3,59	0.001996	0.004458	1,33
82	**NOP16**	17003050	3,57	0.001996	0.004458	1,35
83	**DDX21**	16705474	3,57	0.001996	0.004458	1,56
84	**CCT2**	16753964	3,54	0.001996	0.004458	1,41
85	**VDAC1**	16999985	3,54	0.001996	0.004458	1,22
86	**CLNS1A**	16742491	3,53	0.001996	0.004458	1,23
87	**MYBBP1A**	16840018	3,51	0.005988	0.0106	1,27
88	**SUPV3L1**	16705531	3,51	0.001996	0.004458	1,75
89	**PGK1**	17105047	3,49	0.003992	0.007633	1,18
90	**WDR74**	16739608	3,48	0.001996	0.004458	1,44
91	**RPLP0**	16771216	3,47	0.005988	0.0106	1,28
92	**TXNL4A**	16856153	3,44	0.003992	0.007633	1,55
93	**PSMC6**	16784228	3,42	0.005988	0.0106	1,17
94	**GNB2L1**	17004092	3,41	0.001996	0.004458	1,22
95	**RABEPK**	17089037	3,39	0.001996	0.004458	1,23
96	**EIF2S1**	16785631	3,37	0.003992	0.007633	1,43
97	**WDR43**	16878556	3,36	0.001996	0.004458	1,44
98	**DCTPP1**	16825794	3,28	0.001996	0.004458	1,36
99	**SNRPG**	16898764	3,27	0.001996	0.004458	1,33
100	**MCM5**	16929573	3,26	0.003992	0.007633	1,43
101	**UNG**	16756627	3,24	0.001996	0.004458	1,42
102	**HSP90AB1**	17009217	3,23	0.003992	0.007633	1,13
103	**EIF3B**	17042946	3,22	0.003992	0.007633	1,28

104	**PSMA6**	16783389	3,16	0.003992	0.007633	1,27
105	**PSMA4**	16803540	3,16	0.03792	0.0546	1,18
106	**NIP7**	16820584	3,15	0.001996	0.004458	1,42
107	**NOP56**	16910825	3,15	0.001996	0.004458	1,46
108	**NDUFAF4**	17021837	3,11	0.003992	0.007633	1,44
109	**XRCC6**	16930678	3,06	0.02595	0.039	1,18
110	**VBP1**	17108562	3,04	0.001996	0.004458	1,22
111	**SNRPA**	16862333	3,03	0.003992	0.007633	1,36
112	**TOMM70A**	16956773	3,03	0.005988	0.0106	1,19
113	**TUFM**	16825410	3	0.001996	0.004458	1,26
114	**ABCE1**	16971139	2,97	0.003992	0.007633	1,47
115	**IARS**	17095775	2,97	0.001996	0.004458	1,32
116	**PA2G4**	16752453	2,95	0.003992	0.007633	1,24
117	**NPM1**	16992324	2,94	0.001996	0.004458	1,37
118	**SNRPA1**	16813900	2,94	0.02595	0.039	1,14
119	**YWHAE**	16839331	2,91	0.001996	0.004458	1,17
120	**PUS1**	16759395	2,9	0.001996	0.004458	1,18
121	**ODC1**	16894402	2,9	0.005988	0.0106	1,82
122	**FBL**	16872267	2,89	0.001996	0.004458	1,48
123	**SRSF2**	16849321	2,88	0.005988	0.0106	1,16
124	**NAP1L1**	16767756	2,87	0.001996	0.004458	2,12
125	**NOP2**	16760437	2,87	0.01198	0.01947	1,43
126	**POLD2**	17057174	2,86	0.001996	0.004458	1,27
127	**TFDP1**	16776905	2,85	0.06387	0.08674	1,11
128	**LSM14B**	16915570	2,83	0.007984	0.01344	1,15
129	**SET**	17089798	2,83	0.007984	0.01344	1,25
130	**FARSA**	16869372	2,83	0.001996	0.004458	1,3
131	**UBA2**	16860746	2,8	0.001996	0.004458	1,23
132	**EXOSC5**	16872567	2,78	0.003992	0.007633	1,16
133	**CDC45**	16927052	2,77	0.003992	0.007633	1,21
134	**IMP4**	16885526	2,76	0.001996	0.004458	1,26
135	**RPS3**	16729103	2,76	0.005988	0.0106	1,21
136	**XPOT**	16753465	2,72	0.001996	0.004458	1,66
137	**HDAC2**	17022854	2,71	0.003992	0.007633	1,19
138	**RPS5**	16866282	2,71	0.01198	0.01947	1,2
139	**PHB**	16846416	2,7	0.02994	0.04417	1,12

140	**SLC25A3**	16755520	2,7	0.001996	0.004458	1,33
141	**CBX3**	17044423	2,7	0.007984	0.01344	1,2
142	**LDHA**	16722603	2,7	0.04192	0.05963	1,17
143	**IPO4**	16791086	2,69	0.001996	0.004458	1,31
144	**RPL14**	16939495	2,67	0.07585	0.09906	1,13
145	**DUT**	16800839	2,66	0.03593	0.05204	1,18
146	**ACP1**	16876440	2,65	0.01996	0.03098	1,13
147	**HNRNPA1**	16751993	2,64	0.03992	0.05713	1,2
148	**AIMP2**	17043355	2,61	0.005988	0.0106	1,19
149	**SNRPD1**	16851344	2,57	0.007984	0.01344	1,47
150	**PSMC4**	16862145	2,47	0.01397	0.02226	1,23
151	**APEX1**	16781516	2,45	0.003992	0.007633	1,31
152	**PWP1**	16756475	2,44	0.001996	0.004458	1,59
153	**BYSL**	17008544	2,42	0.02395	0.0367	1,17
154	**RPL18**	16873987	2,42	0.00998	0.01656	1,12
155	**EEF1B2**	16889938	2,41	0.02794	0.04148	1,2
156	**GRWD1**	16863783	2,38	0.02794	0.04148	1,1
157	**IFRD1**	17050381	2,34	0.01597	0.02527	1,24
158	**SRSF7**	16896650	2,33	0.06387	0.08674	1,13
159	**COX5A**	16811739	2,33	0.007984	0.01344	1,14
160	**BUB3**	16710271	2,31	0.01796	0.02806	1,38
161	**COPS5**	17077888	2,3	0.02196	0.03385	1,15
162	**RRP12**	16717106	2,28	0.001996	0.004458	1,31
163	**POLE3**	17097495	2,27	0.05389	0.07532	1,12
164	**SF3A1**	16933818	2,26	0.06786	0.09061	1,1
165	**EIF3D**	16934583	2,23	0.08583	0.1109	1,13
166	**HNRNPU**	16701324	2,22	0.03194	0.04683	1,12
167	**PSMD3**	16833934	2,22	0.005988	0.0106	1,3
168	**HDDC2**	17023308	2,19	0.09182	0.1161	1,27
169	**RSL1D1**	16823991	2,16	0.02595	0.039	1,41
170	**AP3S1**	16988174	2,15	0.001996	0.004458	1,26
171	**SRPK1**	17018530	2,08	0.0499	0.07015	1,06
172	**RRP9**	16954623	2,07	0.09381	0.1174	1,1
173	**PSMD8**	16861704	2,01	0.07585	0.09906	1,14
174	**PCBP1**	16881153	2,01	0.1557	0.1833	1,12
175	**DDX18**	16884877	2	0.01796	0.02806	1,2

176	**ORC2**	16907173	1,96	0.07385	0.09752	1,17
177	**ILF2**	16693515	1,86	0.1078	0.1321	1,11
178	**CSTF2**	17105347	1,86	0.03593	0.05204	1,16
179	**PPIA**	17045738	1,85	0.1098	0.1339	1,22
180	**RAD23B**	17087933	1,84	0.07385	0.09752	1,18
181	**MRPL9**	16693173	1,84	0.05988	0.08225	1,2
182	**CUL1**	17053019	1,83	0.01397	0.02226	1,23
183	**IMPDH2**	16953813	1,8	0.04591	0.06492	1,3
184	**NMD3**	16947626	1,75	0.08383	0.1089	1,23
185	**SYNCRIP**	17021385	1,71	0.1357	0.1614	1,12
186	**EIF4E**	16978142	1,68	0.1597	0.1871	1,09
187	**CCT3**	16694529	1,66	0.09381	0.1174	1,07
188	**SRSF3**	17007996	1,63	0.05788	0.07997	1,06
189	**EXOSC7**	16940036	1,58	0.1697	0.1978	1,15
190	**PSMB3**	16833698	1,57	0.1178	0.1422	1,21
191	**RPL22**	16681064	1,54	0.1058	0.1303	1,09
192	**PRMT3**	16722799	1,53	0.06786	0.09061	1,39
193	**RCL1**	17083295	1,53	0.0978	0.1217	1,15
194	**CYC1**	17073565	1,5	0.01397	0.02226	1,29
195	**CTNS**	16829738	1,48	0.1018	0.1261	1,12
196	**NOLC1**	16708552	1,43	0.08782	0.1122	1,51
197	**PPRC1**	16708533	1,4	0.06587	0.08894	1,31
198	**UBE2E1**	16938344	1,38	0.2754	0.3105	1,06
199	**EIF3J**	16800431	1,38	0.4092	0.4445	1,12
200	**TARDBP**	16658926	1,33	0.00998	0.01656	1,31
201	**RPS6**	17092737	1,28	0.1717	0.1992	1,17
202	**MYC**	17072669	1,24	0.1138	0.138	1,4
203	**EIF4G2**	16735801	1,24	0.3852	0.4204	1,01
204	**HK2**	16881838	1,22	0.4331	0.4642	1,04
205	**HNRNPD**	16977340	1,18	0.6108	0.6402	1,02
206	**MPHOSPH10**	16881274	1,17	0.08782	0.1122	1,15
207	**HPRT1**	17107045	1,16	0.3214	0.3572	1,16
208	**NCBP2**	16963402	1,15	0.1277	0.1534	1,15
209	**U2AF1**	16926148	1,15	0.3713	0.4089	1,09
210	**DEK**	17015987	1,14	0.2236	0.2569	1,13
211	**EPRS**	16699392	1,13	0.3832	0.4202	1,05

212	**TFB2M**	16701407	1,11	0.2635	0.2984	1,05
213	**PES1**	16933931	1,07	0.1756	0.2028	1,19
214	**GNL3**	16941661	1,04	0.5349	0.5657	1,11
215	**PSMD1**	16892039	1,03	0.6906	0.7145	1,04
216	**HNRNPA2B1**	17056031	0.9459	0.1437	0.17	1,06
217	**SNRPD3**	16928282	0.8702	0.3074	0.3433	1,05
218	**SMARCC1**	16953199	0.8071	0.2275	0.2602	1,01
219	**MRPL23**	16720820	0.8037	0.3453	0.3821	1,06
220	**HDGF**	16694742	0.7125	0.4132	0.4448	1,02
221	**SERBP1**	16688308	0.5663	0.6467	0.6749	1,06
222	**MAP3K6**	16683960	0.558	0.2834	0.318	1,03
223	**LSM7**	16866940	0.5212	0.6647	0.6907	1,05
224	**SLC29A2**	16740778	0.4233	0.5349	0.5657	1,01
225	**UBE2L3**	16927615	0.3884	0.7505	0.7731	1,03
226	**RPS19BP1**	16935264	0.3745	0.9321	0.9321	1,02
227	**TMEM97**	16832429	0.3107	0.8723	0.8833	1,04
228	**RPL34**	16969624	0.3099	0.9142	0.918	1,02
229	**NCBP1**	17087343	0.2708	0.7745	0.791	1,08
230	**HNRNPA3**	16888031	-0.2364	0.8244	0.8384	-1,08
231	**MRPS18A**	17019516	-0.2544	0.8902	0.8977	-1,01
232	**RPRML**	16846035	-0.4361	0.5788	0.6094	-1,04
233	**PABPC1**	17079672	-0.4857	0.7605	0.7801	1,12
234	**SLC19A1**	16926595	-0.5267	0.525	0.5601	-1,02
235	**HNRNPC**	16790233	-1,3	0.1357	0.1614	-1,1
236	**PPA2**	16978661	-1,32	0.4132	0.4448	-1,03
237	**DUSP2**	16900441	-1,83	0.2335	0.2658	-1,07
238	**SORD**	16800506	-1,94	0.09182	0.1161	-1,2
239	**FAM120A**	17086921	-2,12	0.05788	0.07997	-1,11

Table S2. List of primers used for amplification of the sixteen markers.

Transcripts	Forward primer sequence (5'-3')	F primers position	Reverse primer sequence (5'-3')	R primers position
CDC20	GCACAGTTCGCGTTCGAGA	4-22	CTGGATTTGCCAGGAGTTCGG	191-171
KPNA2	CTGCCCGTCTTCACAGATTCA	32-52	GCGGAGAAGTAGCATCATCAGG	190-169
PLK1	AAAGAGATCCCGGAGGTCCTA	112-132	GGCTGCGGTGAATGGATATTTC	322-301
SRM	GTGGTGGCCTATGCCTACTG	688-707	CTCCTGGAAGTTCGTGCTCG	783-764
RFC4	CCGCTGACCAAGGATCGAG	43-61	AGGGAACGGGTTTGGCTTTC	118-99
MCM2	ATGGCGGAATCATCGGAATCC	1-21	GGTGAGGGCATCAGTACGC	117-99
RUVBL2	GTCGGGCAGTCCTTATTGCT	209-228	TGGTCGATCAATCTGGATCTCC	450-429
MAD2L1	GTTCTTCTCATTCGGCATCAACA	66-88	GAGTCCGTATTTCTGCACTCG	153-133
CCT4	ATGCCCGAGAATGTGGCAC	1-19	GCTTGTCGCGGTCCTGATAG	88-69
CAD	AGTGGTGTTTCAAACCGGCAT	78-98	CAGAGGATAGGTGAGCACTAAGA	168-146
VSIG2	CATCTCTGA GTCCCATCCAATCC	201-223	TGACCCGCTTTGACTTAGAAC	277-257
BCL2L15	TTGCCAGCCGGAACCTATG	86-104	CGAAGGCGACCAGCAATGATA	173-153
RAB25	ATCGGCGAATCAGGTGTGG	52-70	TAGGTCTGGTGCTTGGTTAGG	299-279
TXNIP	GGTCTTTAACGACCCTGAAAAGG	36-58	ACACGAGTAACTTCACACACCT	122-101
CTSE	AGGCATCCGTCCCTCAAGAA	82-101	CCTTGGCACTCTGGTCCATTG	202-182
ERN2	GAGTCCACAGGTTCATACTCTCA	228-250	CTGTCTGCTTGCTTAGTGCG	316-297
28S subunit	AACGAGATTCCCACTGTCCC	3824-3843	CCGTAAAACGACGGCCAG	3943-3925