

Supplementary table

Table S1: PCR reagents and programs, as well as sequence and size of each amplicon, if applicable, use in the different PCR reactions. All general reagents are from Roche except from Taq enzyme that is from Biotools.

Primer	Sequence	PCR reagents	PCR program	Size (bp)	
LIMS1_F1	CCATTGAGCAGGATAGAGGATG	1µl gDNA (100ng/µl) 1X PCR reac Buffer2 2.5U Taq Expand 480µM dNTPs 1µM Primer F 1µM Primer R 25µl Vf	3min 94°C 30s 94°C 30s 65°C 8min 68°C 30s 94°C 30s 65°C 8min 68°C +20s/cy 7min 68°C	Not applicable	Patient 1
LIMS1_F2	TAGGGAATTGAGGACCTCGCAC				
LIMS1_F3	GGTAGGGCTCCGAGGGGCTCGC				
LIMS1_F4	TCTAGAAATGCTGACCCAGGC				
LIMS1_F5	GTGAGGGTATGCCATGAGCTAG				
LIMS1_F6	ATCAGTGAGGTGCTTCAGAAGC				
LIMS1_F7	GGACAGAAACAGCAAGCTCACC				
LIMS1_F8	GAAGCCAGTCTGTAAAGAAGTGC				
RANBP2_R1	GAGCAGCTGTTACAATGCCACC				
RANBP2_R2	CAAGCCAGTCATGAAGCATGCC				
RANBP2_R3	CAGAAATGGGGAGGACTATCAGC				
RANBP2_R4	TGGACTGTCCGCTGTTCATC				
RANBP2_R5	ATCCAAATCACCTGTCAACGAC				
LIMS1F3.5	GTGATGAACATGGTGTGTCTGC	1µl gDNA (100ng/µl) 1X PCR reac Buffer + Mg 2.5U Taq 240µM dNTPs	3min 94°C 1min 94°C 30s 67°C	1666	
RANBP2R3.5	TCAAAAGTGTGTTGCTACTGAAGAG	1µM Primer F 1µM Primer R 25µl Vf	1min 72°C 7min 72°C		
LIMS1E2F	TCGCAGTGATGTGAAACTGG	1µl cDNA 1X PCR reac. Buffer + Mg 2.5U Taq 240µM dNTPs	4min 94°C 30s 94°C 30s 55°C 30s 72°C	208	Patient 2
RANBP2E20-27R	TTACTTCTACCTCTGGTAGTG	500nM Primer F 500nM Primer R 50µl Vf	7min 72°C	426	
ARID1BE5F	CATGTCTCAGGAAGGCTATGG	1µl gDNA (40ng/µl) 1X LC480 Probes Master mix 300nM Primer F 300nM Primer R 10µl Vf	10min 94°C 10s 94°C 10s 55°C 10s 72°C 5s 95°C 1min 65°C 0.57°C/s 97°C	177	
ZDHHC14E3R	CGCAGTTATCACAAGGCTGC			286	
ARID1BE5F	CATGTCTCAGGAAGGCTATGG			235	
ZDHHC14E2R	CAAAGAAGAACAGGATGCCAG			218	
ARID1BE5F	CATGTCTCAGGAAGGCTATGG			259	
ZDHHC14E2R	CAAAGAAGAACAGGATGCCAG			161	
ARID1BE5F	CATGTCTCAGGAAGGCTATGG			147	
ARID1BE5R	TATCCAGGACTACAGAGCTCC				
ARID1BE6F	GTCTGGCTCCATTGATGACC				
ARID1BE6R	GATACTTGCAGGAGAGATTGG				
ZDHHC14E1F	AAGACTGCGAGTACAGCCAG				
ZDHHC14E1R	CTCGAAGGCGAAGAAGAGTC				
KIAA1586_F2	TTGCTGTAGCTCAGAGTC	1µl gDNA (100ng/µl) 1X PCR reac Buffer3 2.5U Taq Expand 480µM dNTPs	3min 94°C 30s 94°C 30s 56°C 2min 68°C	1891	Patient 3
KIAA1586_R1	GAAACATTAGACAGACACTCC	1µM Primer F 1µM Primer R 25µl Vf	30s 94°C 30s 56°C 2min 68°C +20s/cy 7min 68°C	1942	
ZNF451_F3	CTTCGCTATCTCACAGGAC			1934	
KIAA1586_R1	GAAACATTAGACAGACACTCC				
ZNF451_F3	CTTCCCAGTGCTTCGCTATC				
ZNF451_R3	TGCACATCTGACACTCAACG				