

<i>MED12</i> mutation	Protein	Sample ID	SMC%
c.107T>G	p.L36R	16-0538	59.51
c.130G>A	p.G44S	16-1714	72.12
c.130G>A	p.G44S	16-0213	53.85
c.130G>A	p.G44S	16-0541	60.76
c.130G>A	p.G44S	16-1479	61.71
c.130G>C	p.G44R	16-0220	31.39
c.130G>C	p.G44R	13-0198	67.44
c.130G>T	p.G44C	16-0539	58.65
c.131 G>T	p.G44V	16-1482	66.25
c.131G>A	p.G44D	12-0660	45.35
c.131G>A	p.G44D	16-2264	76.71
c.131G>A	p.G44D	16-0542	40.16
c.131G>A	p.G44D	16-0759	56.88
c.131G>A	p.G44D	13-0185	76.48
c.131G>A	p.G44D	12-0253	65.23
c.131G>A	p.G44D	12-0254	65.53
c.131G>A	p.G44D	12-2202	69.00
c.131G>C	p.G44A	12-0657	55.52
c.131G>T	p.G44V	16-0219	51.59
c.131G>T	p.G44V	16-0222	55.37
c.131G>T	p.G44V	16-1474	71.85
c.120_149del30	p.K42_V51del10	16-0229	56.49
c.100-69_107del77	Splice acceptor site	16-0211	61.91
c.100-41_132 del74	Splice acceptor site	16-0543	57.54
c.100-1_c.133del35	Splice acceptor site	16-0228	66.03

**Table S1. *MED12*-LM cases used for SMC concentration analysis.**