

Supplemental Table S1. Primers used in this study

qRT-PCR primers		
Sl no	Gene name	Primer sequences (5'-3')
1	BRCA1 FP	GTTACGTGTGCAAACTCATACCAGAATG
2	BRCA1 RP	GATACTTGTTTAGGCTGAGAGTGCAGTGG
3	GMI1 FP	AGCTAGCCTCGGACGATCTATCA
4	GMI1 RP	TATCATGTTTACAGCGTAGCCTTTGA
5	PARP2 FP	CGAACTATTGCTATGCCAACACT
6	PARP2 RP	CCACACCTTTTGTGCTTAGCT
7	AtRAD51 FP	CTCCGAGGAAGGATCTCTTGCAG
8	AtRAD51 RP	GCTCGCACTAGTGAACCCCAGAGG
9	RNR1 FP	CTGATATGGGACTTTGGACTCCAAC
10	RNR1 RP	GATCTATGTAGCATCCACGATCAGC
11	SDC FP	GAAGGTCTTACTTACGCTGTGGATAC
12	SDC RP	CTACAATGTAAAGTTCTCCACGACATC
15	GC4 FP	AACAAGGAGCGGCAGGTAAA
16	GC4 RP	CGACCCACATGTCTGCAAAA
17	POLD4 FP	GGGAAAGTCCAGCAAGATTGTC
18	POLD4 RP	GTGGATCCAGCCAGTGACTGA
19	NAC103 FP	AGTATCCCAAAGGCGGTAAGG
20	NAC103 RP	GATCACCGCGAGGTATTTTCC
21	CDM1 FP	GCGAGGAGGAGGGAAGAAAG
22	CDM1 RP	TTAATGCCGTGAGCGAACTG
23	CHR31 FP	CCTCATGGAGTTTGTGCGAGTTATG
24	CHR31 RP	TTGCCGTGCATGTACAACACT
25	ATR FP	CGTGGTGCACACAAGGTGTAC
26	ATR RP	TCATTGCATGGAGAATCTTTGC
27	ATM FP	TGATGTGCGCCTGTTTCAGCTA
28	ATM RP	AACTGACACCAGATGCAATCCA
29	RBF FP	GTCCAGGTCGCACAAGGAA
30	RBF RP	ACCCGAAACCTCTAGGCCTTT
31	NAC085 FP	CATATCAGCAACCAAAGCAACAG
32	NAC085 RP	TGTGTAATAGTACTAGTTTTTCGGTGTGCTA
33	NAC044 FP	TGTTTGATCCATTTTTTGAGGAAC
34	NAC044 RP	TTCACAACAAATTCCTCATCCATT
35	UBQ10 FP	TGAAGACTCTCACCGGAAAGACTAT
36	UBQ10 RP	AGAAGTTCGACTTGTTCATTAGAAAGAAA

37	CHS FP	CTTCCGTCAAGCGTCTCATG
38	CHS RP	AGGGACCACGGAAGGTAACG
39	AT4 FP	CCAAAGACAAAGAGAGAAGCCATAA
40	AT4 RP	TGTTGTGCCAAAGAGAGTTTCAA
41	GAPC FP	TCAGACTCGAGAAAGCTGCTAC
42	GAPC RP	GATCAAGTCGACCACACGG
43	CHI FP	CGAAATTCCAACCGACTCAAC
44	CHI RP	CCGCCGAGGAATAATGGATT
45	F3H FP	TCTGCCGTCAGATCGTTGAG
46	F3H RP	ACATGTCGAAACGGAGCTTGT
47	F3'H FP	AGCCTCATCGAACCCTTTCC
48	F3'H RP	GTGGTCGGCTAGCGAAATTG
49	FLS1 FP	ACGGAGCTGATACGACGTTTACA
50	FLS1 RP	TGTCTTTCGAATCTTCCGGTTT
51	MED14 FP-1	CGCCTGCCAAAGTGTCTAGAT
52	MED14 RP-1	GGTTTCTGTTGATGCTCATCCA
53	MED14 FP-2	AGCCTGTGGTTTAGCTTTGG
54	MED14 RP-2	AAGGGATTCTACCTCTGCTC

Cloning primers		
Sl no	Gene name	Primer sequences (5'-3')
1	SOG1 FP	ATGGCTGGGCGATCATGG
2	SOG 1 RP	ATCAGTCTTTCCAGTCCCCCAAGC
3	NAC044 FP	ATGGCGAGGGCTTGGATTG
4	NAC044 RP	CAACCATCCAATCCAATTCAGCAAGC
5	NAC085 FP	ATGAAAACTCTACACAGGACTTGGATAGTG
6	NAC085 RP	TGTTCTCACGGAAAGTAAATCAGGG
7	NAC103 FP	ATGGGGAAAACTAACTTGGCACC
8	NAC103 RP	ATCGTCCTTAGTCTGACCGTTGCTTC
9	BD-MED14 FL FP	CATGGATCCATGGCGGAATTAGGGCAACAG
10	BD-MED14 FL RP	CATGTCGACCTATATGGTAAATTCCTTTTGATG
11	BD-MED14 Δ 2 FP	CATGAATTCATGGCGGAATTAGGGCAAC
12	BD-MED14 Δ 2 RP	CATGGATCCACCAAGAGTAACAAGAACT
13	BD-MED14 Δ 3 FP	CATGAATTCTACCGAGGGCACCTATCC
14	BD-MED14 Δ 3 RP	CATGGATCCAGGGAATCCCAAAGTCAGA
15	BD-MED14 Δ 4 FP	CATGAATTCGACTGTGAAAGCTCTCAC
16	BD-MED14 Δ 4 RP	CATGGATCCATGGAGAAGAGCATAAACA
17	BD-MED14 Δ 5 FP	CATGGATCCATGTGGTCAGGCATTCTTCG
18	BD-MED14 Δ 5 RP	CATGTCGACTCCATGGAAACCTCCAC
19	BD-MED14 Δ 6 FP	CATGAATTCGTTGCAATGCTAGCAGCTG
12	BD-MED14 Δ 6 RP	CATGGATCCTATGGTAAATTCCTTTTG
21	pNTR-RNAi MED14 F	CACCATGAATTCTAACAACCTGGCTCG
22	pNTR-RNAi MED14 R	TTCATTCCACATCGTGAAAACACCTCC

23	HY5 _{pro} :HY5 FP	GGGGACAAGTTTGTACAAAAAAGCAGGCTGCATGACAT CGACTTGTTTGGT
24	HY5 _{pro} :HY5 RP	GGGGACCACTTTGTACAAGAAAGCTGGGTCGCTTGCAT CAGCATTAGAAC
Genotyping primers		
Sl no	Gene name	Primer sequences (5'-3')
1	RNAi-MED14F	CACCGGTTGACGAGGCTTTGAC
2	RNAi-MED14R	CTTCTCTTATTGGGACTAGC
3	SAIL_373_C07 LP (<i>med14-2</i>)	GCTGCAACCAGACTTGATCTC
4	SAIL_373_C07 RP (<i>med14-2</i>)	TTTGCTCAAAATGATTCCTGG
5	SALK_LB1.3	ATTTTGCCGATTTTCGGAAC
6	SAIL_LB1	GCCTTTTCAGAAATGGATAAATAGCCTTGCTTCC
7	SALK_056405 LP (<i>hy5</i>)	TTCACTCTCGATATCCGTTTCG
8	SALK_056405 RP (<i>hy5</i>)	ATGCGAGTGAATGACCATTTC
9	SAIL_1286_D02_LP (<i>nac044-1</i>)	TTCAGGTACTGATTCCATGGC
10	SAIL_1286_D02_RP (<i>nac044-1</i>)	CAAAGAGACGAAGCTTCCATG
11	SALK_208662_LP (<i>nac085-2</i>)	TACACGAAAGTTCGGAATTGC
12	SALK_208662_RP (<i>nac085-2</i>)	TCTCAAGGATGATACGGTTTCG

ChIP qPCR primers		
Sl no	Gene name	Primer sequences (5'-3')
1	CYCD1;1 FP-1	GGTCCAAATCACAGAAAATGTTCCATAATCC
2	CYCD1;1 RP-1	CTAACATGCGCTAAAGTGAAATGCGTAGG
3	NAC044 FP-1	CCGAACCAATTTACAGCGAAGGTC
4	NAC044 RP-1	GTTGAGCTTGTTCACTAGGCTAAGTAAAAATGG
5	NAC085 FP-1	CATACTCCGAGCCTAACGTTAGCCAG
6	NAC085 RP-1	GAAAGAAAGAGAGAGAGAAAACGTTTCTCCAAC
7	TA3 FP	CTGCGTGGAAGTCTGTCAAA
8	TA3 RP	CTATGCCACAGGGCAGTTTT
9	HY5 FP	GACCAAACTTTTCTGTCCAAGGAC
10	HY5 RP	GCCGTCAGATCTCTGAAGAATCG

Luciferase assay primers		
Sl no	Gene name	Primer sequences (5'-3')
1	CYCD1;1 FP	CACCAACTGATTATCATACGGTTAATTCAAG
2	CYCD1;1 RP	CATTCTCTCCCCATAACCGGAGATG