

**Supplementary Table S1.** Genetic characteristics of *TP53*-mutated cohort (n=87)

characteristics	number	Percent (%)
Mutation domain (protein)		
TAD	1	1.1
PRD	4	4.6
DBD	67	77.0
NLS	2	2.3
TD	7	8.0
Others	3	3.5
Unknow	3	3.5
Mutation domain (gene)		
Exon2	1	1.1
Exon4	13	14.9
Exon5	25	28.7
Exon6	11	12.7
Exon7	12	13.8
Exon8	12	13.8
Exon9	2	2.3
Exon10	8	9.2
Introns	3	3.5
Mutation type		
Missense mutation	46	52.9
Nonsense mutation	18	20.7
Splice site mutation	3	3.4
Frameshift mutation	16	18.4
In-frame mutation	4	4.6

**Abbreviations:** PRD, proline-rich domain; DBD, DNA binding domain; TD, Tetramerization domain;