**Supplementary Table 2. Plasmids and primers utilized in the present study.**

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| **Primer\_ID** | **Sequence** |
| RM-1 CRISPR/cas9 (Oligo) | AGTATACCACCATCCACTACAAGTACATGTGTAATAGCTCCTGTATGGGGGGCATGAACCAGCGACCTATCCTTACCATCATCACACTGGAAGACTCCAGgtaggaaggcgcgtggtaggt |
| RM-1 CRISPR/cas9 gRNA-1 | GCGGTTCATGCCCCCCATGCAGG |
| RM-1 CRISPR/cas9 gRNA-2 | TGTAATAGCTCCTGCATGGGGGG |
| C4-2 KO *TP53* Oligo | GACTGTACCACCATCCACTACAACTACATGTGTAACAGTTCCTGCATGGGCGGTATGAACCAGAGGCCCATCCTCACCATCATCACACTGGAAGACTCCAGgtcaggagccacttgccacc |
| C4-2 KO *TP53* gRNA-1 (Forward) | GCAGTCACAGCACATGACGGAGG |
| C4-2 KO *TP53* gRNA-2 (Forward) | GAGCGCTGCTCAGATAGCGATGG |
| C4-2 KO *TP53* gRNA-3 (Reverse) | ATCTGAGCAGCGCTCATGGTGGG |
| Si*SHP1*-1 | Forward: GATCCAAAAAAGGGATCAGGTGACCCATATTCTCTCTTGAAGAATATGGGTCACCTGATCCC;  Reverse: CACCGGGATCAGGTGACCCATATTCTTCAAGAGAGAATATGGGTCACCTGATCCCTTTTTTG |
| Si*SHP1*-2 | Forward: GATCCAAAAAAGCATCGCCCAGTTCATTGAAACTCTCTTGAAGTTTCAATGAACTGGGCGATGC;  Reverse: CACCGCATCGCCCAGTTCATTGAAACTTCAAGAGAGTTTCAATGAACTGGGCGATGCTTTTTTG |
| Si*SHP1*-3 | Forward: GATCCAAAAAAGATTCGGGAGATCTGGCATTATCTCTTGAATAATGCCAGATCTCCCGAATC;  Reverse: CACCGATTCGGGAGATCTGGCATTATTCAAGAGATAATGCCAGATCTCCCGAATCTTTTTTG |
| Si*TP53*-1 | Forward: CACCAUCCACUACAACUACAU  Reverse: AUGUAGUUGUAGUGGAUGGUG |
| Si*TP53*-2 | Forward: UCAGACCUAUGGAAACUACUU  Reverse: AAGUAGUUUCCAUAGGUCUGA |