

**Table S2. Primer sequences.**

<b>Primer set</b>	<b>Forward</b>	<b>Reverse</b>
hs_DDIT4_CDS_for_APEX2_in_AAV_Rigid	ATCATTTTGGCAAAGAATTG GATCCACCGCCACCATGCCT AGCCTTTGGGAC	TGCTTCTGCGCCACCACACTC CTCAATGAGCAGC
APEX2_CDS_for_DDIT4_in_AAV_Rigid	TGAGGAGTGTGGTGGCGCAG AAGCAGCAGCAAAAGAAGC AGCAGCAAAAGCAGCACCGG GAAAGTCTTACCCAACCTGTG	CCAGAGGTTGATTATCGATA AGCTTCTATTAGGCATCAGC AAACCCAAG
hs_DDIT4_CDS_for_APEX2_in_AAV_Flexible	ATCATTTTGGCAAAGAATTG GATCCACCGCCACCATGCCT AGCCTTTGGGAC	TGAACCGCCTCCACCACACT CCTCAATGAGCAGC
APEX2_CDS_for_DDIT4_in_AAV_Flexible	TGAGGAGTGTGGTGGAGGCG GTTTCAGGCGGAGGTGGCTCT GGCGGTGGCGGATCGGGAAA GTCTTACCCAACCTGTG	CCAGAGGTTGATTATCGATA AGCTTCTATTAGGCATCAGC AAACCCAAG
FLAG_APEX2_NES_for_AAV	ATCATTTTGGCAAAGAATTG GATCCACCGCCACCATGGAC TAC	CCAGAGGTTGATTATCGATA AGCTTCTATTAGTCCAGGGTC AGGC
mmu_DDIT4_CDS3'	ATATGGTACCGCCACCATGCCT AGCCTCTGGGATCGT	ATATGCGGCCGCACATGTTTATT AGAAAAGTA