

Supplemental Table 1: Inverse PCR primers

Primer Name	Sequence (5'-3')	Note
NeoGenoRev	TGGATTCATCGACTGTGGCCGGCT	iPCR First Round, 5'-breakpoint PCR
Neo3out1	CGGCATCAGAGCAGCCGATTGTCT	iPCR First Round
SV40Pro	TCCTCACTACTTCTGGAATAGCTCAGA	iPCR Second Round
Neo5out1	GTTGTCACTGAAGCGGGAAGGGACT	iPCR Second Round
SVA 223 Rev	CAGCGAAACCCCGTCTCCAC	5'-breakpoint PCR
U2OS_SVAH2_Clone1_F1	ATTAATCTGCACTGGGTATCTGCAA	5'-breakpoint PCR
U2OS_SVAH2_Clone3_F1	CTGTGCCACCTGGATCTAT	5'-breakpoint PCR
U2OS_SVAH2_Clone4_F1	AGACTCCTGGGCAACCTTTT	5'-breakpoint PCR
U2OS_SVAH2_Clone5_F1	GTGTCTTCCTGGCTCCTGGT	5'-breakpoint PCR
U2OS_SVAH2_Clone6_F3	ATTTTCCTCCAACCTCAAGAATGAA	5'-breakpoint PCR
U2OS_SVAH2_Clone7_F1	ACTCCTGCCCAACTTGTGAC	5'-breakpoint PCR
U2OS_SVAH2_Clone10_F1	AGAATAGGGTGCGGGAGACT	5'-breakpoint PCR
U2OS_SVAH2_Clone11_F2	GCTAGTCACATCAGCCCACA	5'-breakpoint PCR
U2OS_SVAH2_Clone12_F1	CGGCATCCAACAGGTAGTTTTT	5'-breakpoint PCR
U2OS_SVAH2_Clone13_F1	TACCACATGTACGGGAAACACATC	5'-breakpoint PCR