

**Table S1. SiRNA sequences**

<b>Targets</b>	<b>siRNAs</b>	<b>Direction</b>	<b>miRNA sequences</b>
<b>ASNS</b>	siASNS-1	Sense	5'-r(GGAUACUGCCAAUAAG AAA)dTdT-3'
		Antisense	5'-r(UUUCUUAUUGGCAGUAUCC)dAdG-3'
	siASNS-2	Sense	5'-r(GAAGCUAAAGGUCUUGUUA)dTdT-3'
		Antisense	5'-r(UAACAAGACCUUUAGCUUC)dTdG-3'
<b>MMP19</b>	siMMP19-1	Sense	5'-r(AGAACCCAGUCCCAUGCCA) dTdT-3'
		Antisense	5'-r(UGGCAUGGGACUGGGUUCU)dGdT-3'
	siMMP19-2	Sense	5'-r(CUAUUGGCCUCUCAACCAA)dTdT-3'
		Antisense	5'-r(UUGGUUGAGAGGCCAAUAG)dAdG-3'
<b>CGA<sup>1</sup></b>	Hs_CGA_5 HP Validated siRNA		
	Hs_CGA_6 HP Validated siRNA		

<sup>1</sup> siRNAs purchased from QIAGEN

**Table S2. Primer sequences.**

Gene	Direction	Primers for PCR Cloning	Primers for Quantitative PCR
<b>ASNS</b>	Forward	5'-AGGGCTAGCTTATAGCTTCATTGCACCA-3'	5'-TTTGCAATTGGCATGGAAGA-3'
	Reverse	5'-TACCTCGAGCATAAAGACCACCTAAGC-3'	5'-TGATCTGCCACCTTTCTAGCAG-3'
<b>MMP19</b>	Forward	5'-AAAAAGCTTCTGGAGCTCTCGTCTGGT-3'	5'-CACTTTAAGCTGCACCCAGA-3'
	Reverse	5'-ATGCTCGAGATTGTGTCTGTGGGTG-3'	5'-TCACTGGACTCTTCTTGCCATA-3'
<b>CGA</b>	Forward		5'-TTCTCCATTCCGCTCCTGAT-3'
	Reverse		5'-GGGTTTTCTGTAGCGTGCAT-3'
<b>XPA</b>	Forward		5'-TCCACATCATTACAATGGG-3'
	Reverse		5'-TGTCGGACTTCCTTTGCTTC-3'
<b>XPC</b>	Forward		5'-TCGTGGAGAAGCGGTCTACT-3'
	Reverse		5'-GCCTCACCCTCTTGCTTTC-3'
<b>RPA32</b>	Forward		5'-TAGCTTCATGCCAGCAAATG-3'
	Reverse		5'-TTCAACCCTCAGGTCTTGG-3'
<b>Rad23B</b>	Forward		5'-GGGTGATTCTTCTCGGTCAA-3'
	Reverse		5'-CTTGCTCTCGTTCATAGCCC-3'
<b>Bcl-2</b>	Forward		5'-GACAGAGGATCATGCTGTACTTA-3'
	Reverse		5'-CTTGGCATGAGATGCAGGAA-3'
<b>BirC5</b>	Forward		5'-GGACCACCGCATCTCTACAT-3'
	Reverse		5'-CCAAGTCTGGCTCGTTCTCA-3'
<b>XIAP</b>	Forward		5'-ATTCACTTGAGGAGTGTCTGGT-3'
	Reverse		5'-TGCCTTGAACTGAACCCCA-3'
<b>GAPDH</b>	Forward		5'-ATGGAAATCCCATCACCATCTT-3'
	Reverse		5'-GCCCCACTTGATTTTGGAG-3'