

Table S2. Oligonucleotides used in the construction of phage display libraries for this study

Library	5' oligonucleotide primer
L2	5' CAG CCG <u>GCC ATG GCC</u> NNK NNK CCA NNK NNK NNK CAA NCC ACA CCC TGC TGC TTT GCC TAC ATT GCC CGC 3'
L5	5' CAG CCG <u>GCC ATG GCC</u> CAG GGT CCA CCT TTG ATG NNK NNK NNK TGC TGC TTT GCC TAC ATT GCC CGC 3'
L6	5' CAG CCG <u>GCC ATG GCC</u> CAG GGG CCA TTG MTG NNK NNK NNK NNK NNK TGC TGC TTT GCC TAC ATT GCC CGC 3'
	5' CAG CCG <u>GCC ATG GCC</u> CAG GGG CCA TTG RGY NNK NNK NNK NNK NNK TGC TGC TTT GCC TAC ATT GCC CGC 3'
	5' CAG CCG <u>GCC ATG GCC</u> CAG GGG CCA CCT MTG NNK NNK NNK NNK NNK TGC TGC TTT GCC TAC ATT GCC CGC 3'
	5' CAG CCG <u>GCC ATG GCC</u> CAG GGG CCA CCT RGY NNK NNK NNK NNK NNK TGC TGC TTT GCC TAC ATT GCC CGC 3'
	5' CAG CCG <u>GCC ATG GCC</u> CAG GGG CCA ATG MTG NNK NNK NNK NNK NNK TGC TGC TTT GCC TAC ATT GCC CGC 3'
	5' CAG CCG <u>GCC ATG GCC</u> CAG GGG CCA ATG RGY NNK NNK NNK NNK NNK TGC TGC TTT GCC TAC ATT GCC CGC 3'
L7	5' CAG CCG <u>GCC ATG GCC</u> CAG GGT CCA NNK NNK NNK TGG NNK CAG NNK TGC TGC TTT GCC TAC ATT GCC CGC 3'
L8	5' CAG CCG <u>GCC ATG GCC</u> CAG GGG CCA TTG NNK NNK NNK NNK CAG GTG TGC TGC TTT GCC TAC ATT GCC CGC

The 5' Nco I site used to clone the PCR products into pHEN is underlined. Library L6 was made up as a mixture of six sublibraries, as shown. Degenerate codons are indicated in bold. N; any of A, C, T or G, K; either G or T, M; either A or C, R; either A or G, Y; either C or T.