

**Supplementary Table S3**

Cargo	MTD	Recombinant Protein	5' Primers	3' Primers
p18	Non	Hp18	<b>Hp18:</b> CCG CAT ATG AAG AAG AAG AGG AAG GCC GAG CCT TGG GGG AAC GAG	<b>Hp18:</b> CCG CAT ATG TCA TTG AAG ATT TGT GGC TCC
	MTD <sub>101</sub>	HM <sub>101</sub> p18	<b>HM<sub>101</sub>p18:</b> CCG CAT ATG AAG AAG AAG AGG AAG CTG ATT CTG CTG CTG CTG CCG ATT ATT GCC GAG CCT TGG GGG AAC GAG TTG	
		Hp18M <sub>101</sub>	<b>Hp18:</b> CCG CAT ATG AAG AAG AAG AGG AAG GCC GAG CCT TGG GGG AAC GAG	<b>Hp18M<sub>101</sub>:</b> CCG CAT ATG TCA AAT AAT CGG CAG CAG CAG CAG AA T CAG TTG AAG ATT TGT G GC TCC CCC AGC
		HM <sub>101</sub> p18M <sub>101</sub>	<b>HM<sub>101</sub>p18:</b> CCG CAT ATG AAG AAG AAG AGG AAG CTG ATT CTG CTG CTG CTG CCG ATT ATT GCC GAG CCT TGG GGG AAC GAG TTG	
	MTD <sub>103</sub>	HM <sub>103</sub> p18	<b>HM<sub>103</sub>p18:</b> CCG CAT ATG AAG AAG AAG AGG AAG CTG GCG CTG CCG GTG CTG CTG CTG GCG GCC GAG CCT TGG GGG AAC GAG TTG	<b>Hp18:</b> CCG CAT ATG TCA TTG AAG ATT TGT GGC TCC
		Hp18M <sub>103</sub>	<b>Hp18:</b> CCG CAT ATG AAG AAG AAG AGG AAG GCC GAG CCT TGG GGG AAC GAG	<b>Hp18M<sub>103</sub>:</b> CCG CAT ATG TCA CGC CA G CAG CAG CAC CGG CAG CGC CAG TTG AAG ATT TGT GGC TCC CCC AGC
		HM <sub>103</sub> p18M <sub>103</sub>	<b>HM<sub>103</sub>p18:</b> CCG CAT ATG AAG AAG AAG AGG AAG CTG GCG CTG CCG GTG CTG CTG CTG GCG GCC GAG CCT TGG GGG AAC GAG TTG	