

No.	insert	forward primer	reverse primer	Body double for?	acceptor vector	annealing temperature	number of cycles
1	mCherry	agatcgctctccCATGgtgagcaaggcgaggag	cgagacgctctccgcactgtacagctctcc	NcoI	pTXB3 ^{10xHis}	58°C → 72°C	5 + 30
2	mPrP ^{wt}	ctgatgcgtctccCATGaaaaaggccaaagcctgg	aaaagcgtctctgcaggatcttccccgtcg	NcoI	pTXB3	58°C → 72°C	5 + 30
3	mPrP ^{wt 3f4}	ctgatgcgtctccCATGaaaaaggccaaagcctgg	aaaagcgtctctgcaggatcttccccgtcg	NcoI	pTXB3	58°C → 72°C	5 + 30
4	mPrP (90-232)	taaggccgtctccCATGcaaggaggaggtaccataatcagt g	gagcgcgtcttcagcagctactggatcttccccgtgtaataggc	NcoI	pTXB3 ^{10xHis}	64°C → 72°C	5 + 30
5	mPrP (90-232) ^{3f4}	taaggccgtctccCATGcaaggaggaggtaccataatcagt g	gagcgcgtcttcagcagctactggatcttccccgtgtaataggc	NcoI	pTXB3 ^{10xHis}	64°C → 72°C	5 + 30
6	mPrP (23-177) ^{3f4}	ctgatgcgtctccCATGaaaaaggccaaagcctgg	atggtggctctccgcagctcgtgcacgaagtgtctgg	NcoI	pTXB3	58°C → 72°C	5 + 30
7	mPrP (23-212) ^{3f4}	ctgatgcgtctccCATGaaaaaggccaaagcctgg	tggtacgctctccgcacatctgtccaccacgcgtcc	NcoI	pTXB3	58°C → 72°C	5 + 30
8	mSho	gctatacgtctccCATGaaggcgccgcgga	agacaagctctctgcagtgccagccctgagcc	NcoI	pTXB3 ^{10xHis}	63°C → 72°C	5 + 30
9	mSho-linker	gctatacgtctccCATGaaggcgccgcgga	ctatgcgtctctgcagccggaagccaggcccag	NcoI	pTXB3 ^{10xHis}	63°C → 72°C	5 + 30
10	mPrP ^{wt}	aaaaaccgggagacgatggcgaacctggctactg	aaaaaTGCAggagacgctatcccacgatcaggaag	PstI	psiSTRIKE- _{hM} GFP	60°C	30
11	mPrP ^{wt} - mCherry	aaggagcgtctccCATGaaaaaggccaaag	cggatcaagcttcaacaatggtggtgatgatg	NcoI	pTrcHisA	55°C → 65°C	5 + 35

12	mPrP ^{wt} - EYFP-GPI	tttcctcatgaacgttatcccctgattctgtg	acacgtctcgGTACcttacaatttacgcgtaagatac	BsrGI	pSB ^{inz} [30]	55°C → 65°C	5 + 35
13	mPrP(29- 135)- mCherry	ggaggatggaacaccgggtggaagtcgataccc	ccgcgtctcaGTACccgtggtggtgatgatggtgc	BsrGI	pSB ^{inz} - mPrP ^{wt} - EYFP-GPI	55°C → 65°C	5 + 35
14	mPrP ^{wt}	cgcgatcacatggtcctcaaggagttcgtgaccgc	gagaaacgtctcaAGCTctaggatcttcccgtcgta	HindIII	pRSETb- GFP ^{6xHis cys}	55°C → 65°C	5 + 35
15	mSho ^{RQ}	aaaaaacgtctcgGGCCaaggaggagctcaaggc	gggggggatccgtattgtggtgctggttg	NotI	pSS-mSho- EYFP-GPI [33]	57°C	40
		aaaaaacgtctcgGATCctctctgcgcgtggcggctg	ccccgaccgtaaggaagtccaggcccag	BamHI		67°C → 70°C	5 + 35
16	mSho ^{RQ}	aaaaaacgtctcgGGCCaaggaggagctcaaggc	cccgaaggatcctaaggccaagcagttctag	NotI	pSS- EYFP ^{ML} - mSho-GPI [33]	61°C → 70°C	5 + 35
17	mSho ^{RQ}	aaaaaacgtctcgGGCCaaggaggagctcaaggc	cccgaaggatcctaaggccaagcagttctag	NotI	pEYFP- mSho-GPI [33]	66°C → 70°C	5 + 35
18	mSho-GPI	atatacgtctcaCCGgccgaattctaaggg	atatacgtctcaCTAGaggatcctaaggc	NgoMIV, XbaI	pACS- KDEL- SS ^{IL2} -SBP- EYFP-GPI [31]	49°C → 70°C	5 + 35
19	NLS ^{x3SV40}	ggggggCCGGagagacggcagatccaaaaaagaag	gggggggCCGGgagacgttatctacctttctcttt	AgeI	pSS-mSho- EYFP-GPI [33]	48°C	40
20	NLS ^{x3SV40}	ggggggaccggtcgcagatccaaaaaagaag	gggggggCCGGgagacgttatctacctttctcttt	AgeI	pSS- EYFP ^{ML} -GPI [33]	48°C	40

21	SBP-mSho (25-32)	agctacgtctcaGTACgcgacgagaagaccac	atcagatatacgtctccTCGAgcgcctc	Pfl23II, XhoI	pACS- KDEL- SS ^{IL2} -SBP- E-GFP-mSho- GPI	50°C → 67°C	5 + 35
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