

Supplemental Data

File S4. SapTrap assembly information

Four Module CeLINC Donor Plasmid Assembly (pMLS257 as destination vector)			
Slot 1 – promoter	Slot 2	Slot 3	Slot 4 – 3' UTR
5' TGG / AAG 3' overhangs	5' AAG / ACG 3' overhangs	5' ACG / TGC 3' overhangs	5' TGC / GTA 3' overhangs
pJRK151 (<i>Prps-0</i>) pJRK142 (<i>Phsp-16.48</i>) pJRK143 (<i>Pelt-2</i>) pJRK246 (<i>Pwrt-2</i>)	pJRK107 (CIBN-3xFLAG) pJRK109 (CRY2(olig))	pJRK108 (MP) pJRK112 (VHH(GFP)) pJRK254 (VHH(mCherry))	pJRK153 (<i>unc-54 3'UTR</i>)

Five Module CeLINC Donor Plasmid Assembly (fluorescent CRY2 or CIBN N-terminal tag) pMLS257 as destination vector				
Slot 1 - promoter	Slot 2 - FP	Slot 3	Slot 4	Slot 5- 3' UTR
5' TGG / ATG 3' overhangs	5' ATG / AAG 3' overhangs	5' AAG / ACG 3' overhangs	5' ACG / TGC 3' overhangs	5' TGC / GTA 3' overhangs
pJRK1 (<i>Prps-0</i>)	pDD375 (mKate2)	pJRK107 (CIBN-3xFLAG) pJRK109 (CRY2(olig))	pJRK108 (MP) pJRK112(VHH(GFP)) pJRK254(VHH(mCherry))	pJRK153 (<i>unc-54 3' UTR</i>)

Four Module Fluorescent Bait or Prey Protein Tag Assemblies (fluorescent N-terminal tag) pMLS257 as destination vector			
Slot 1 - promoter	Slot 2 - FP	Slot 3 - cDNA	Slot 4 - 3' UTR
5' TGG / ATG 3' overhangs	5' ATG / AAG 3' overhangs	5' AAG / ACG 3' overhangs	5' ACG / GTA 3' overhangs
pJRK1 (<i>Prps-0</i>)	pDD375 (mKate2)	pJRK120 (<i>par-6</i> cDNA)	pJRK150 (<i>unc-54 3'UTR</i>)

One-step promoter insertion into CRY2(olig)::VHH(GFP)::T2A::CIBN-3xFLAG::MP::unc-54 3' UTR pJRK261 as destination vector	
Slot 1 - promoter	
5' TGG / ATG 3' overhangs	
pJRK1 (<i>Prps-0</i>)	