

The position of the inserts/promoter on this plasmid is listed below:

pTRE3G-Bi: 1 – 451 (451 bp)

gePSI-aChain: 474 – 899 (426 bp)

ZsGreen1: 3947 – 3252 (696 bp) -> The sequence is located inverse (start at 3947 bp) on the plasmid because it is expressed from the other side of the bidirectional promoter pTRE3G.

The backbone for this plasmid is 'pTRE3G-BI-ZsGreen1' from the pTRE3G-BI-ZsGreen1 Vector Set (Cat. No. 631334) from TakaraBio Clontech. We inserted the gePSI-aChain downstream of the pTRE3G promoter using Gibson Cloning.