

Supplementary table S1: Amino acid sequences of AAVR (PKD1-5) and SBP tag with the primers used for the construction of PET28a-AAVR-SBP-His plasmid

| Amino acid sequence | |
|---------------------|---|
| AAVR (PKD1-5) | MSAGESVQITLPKNEVQLNAYVLQEPPKGETYTYDWQLITHPRD YSGEMEGKHSQILKLSKLTPLGLYEFKVIVEGQNAHGEGYVNVTV KPEPRKNRPPIAIVSPQFQEISLPTTSTVIDGSQSTDDDKIVQYHWE ELKGPLREEKISEDTAILKLSKLVPGNYTFSLTVVDSGDATNSTTA NLTVNKAVDYPPVANAGPNQVITLPQNSITLFGNQSTDDHGITSYE WSLSPSSKGKVVEMQGVRTPTLQLSAMQEGDYTYQLTVTDTIGQ QATAQVTVIVQPENNKPPQADAGPDKELTLPVDSTTLDGSKSSDD QKIISYLWEKTQGPDGVQLENANSSVATVTGLQVGTYVFTLTVKD ERNLQSQSSVNVIVKEEINKPPIAKITGNVVITLPTSTAELDGSKSS DDKGIVSYLWTRDEGSPAAGEVLNHSDHHPILFLSNLVEGTYTFH LKVTDAKGESDTRTTVEVKPD |
| SBP tag | DEKTTGWRGGHVVEGLAGELEQLRARLEHHPQGQREP |
| Primer | |
| PKD1-5 | Forward: caaatgggtcgggatatgtctgctggagagagtg |
| | Reverse: gccggtggttttcatcatcaggttcacctcc |
| SBP tag | Forward: tgtggagtgaaacctgatgatgaaaaaccacc |
| | Reverse: tgctcgagtgcggccggttcacgctggc |