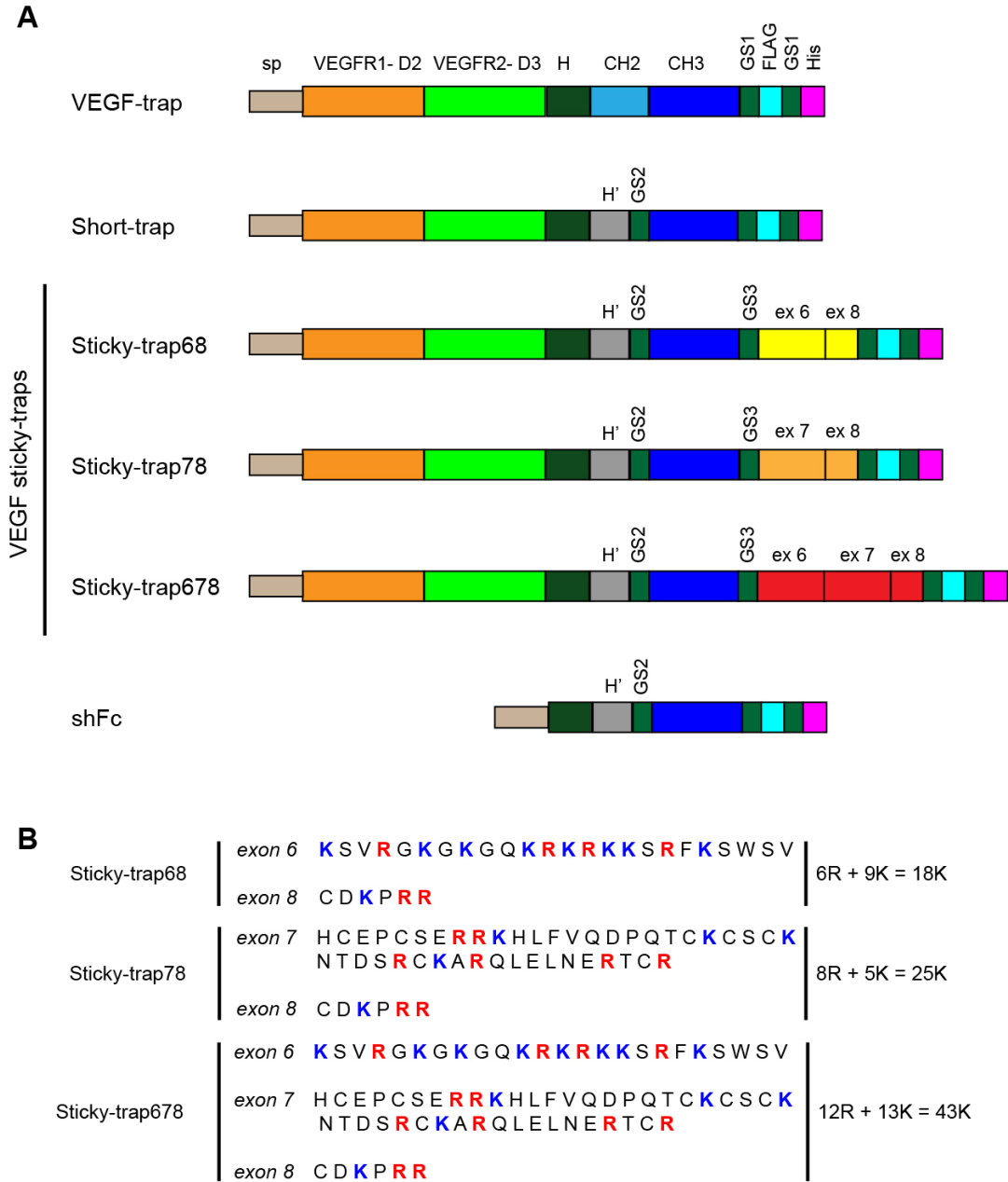




Supplementary Figure 1: (A) Gene structure of traps. *sp*; signal peptide, *VEGFR1-D2*; domain-2 of human VEGFR-1, *VEGFR2-D3*; domain-3 of human VEGFR-2, *ex 6*, *ex 7*, and *ex 8*; mouse VEGF-A exons 6, 7 and 8, respectively, *H*; hinge domain of IgG1, *CH2*; heavy chain constant domain-2 of IgG1, *CH3*; heavy chain constant domain-3 of IgG1, *H'*; alternative hinge domain (EPKSCDTPPPCPRCPAR (28)), *FLAG* and *His*; epitope tags (DYKDDDDK and HHHHHHHH, respectively), *GS1*, *GS2*, and *GS3*; linkers (GGGS, GGGSSGGGS, and GGGAS, respectively). **(B)** Sequence of exons encoding amino acids with affinity for heparan sulphate proteoglycans (HSPs). Amino acid sequence of exons 6, 7 and 8 of mouse VEGF-A are shown and basic amino acids, Arg (R) and Lys (K), are highlighted. The “strength” of each combination is also shown as a numeric value of Lys (K).