

Supplemental Fig.2

Mouse 1 MGRCCFYTAGTLSLLLLVTSVTLVAVRVFQKAVDQTIKNNMVLQNGTKVFNSWEKPPLPV
 Hamster 1A.....R...E..D.....
 Human 1S...KI..R...EA..D.....
 Horseshoe 1AV.....E.....I..K..SET..D..K.....

Mouse 61 YIQFYFFNVTNPEEILQGEIPLLEEVGPYTYRELRNKANIQFGENGTTISAVTNKAYVFE
 Hamster 61 .T.....I..Q.....S.....
 Human 61 .T.....R..T..RV.....D.....S.....
 Horseshoe 61 .S.....A...R...R.....I..S..ED...D...V..TS.....L

HVR1

Mouse 121 RNQSVGDPNVDLIRTINIPLLTVDLAQLTLRELIEAMLKAYQQKLFVIHTVHELLWGY
 Hamster 121S.....E..MP..K..I.....T.....T.....
 Human 121 .D.....KI...L...V...IEWS.VHF...I.....T...D.....
 Horseshoe 121 .D.....K..S...L...AV..AMEW..QHF...VI..Q..L.....EF..TR..DD.....

HVR2

Mouse 181 KDEILSIIVHIFKPDVSPNIFGLFYERNGTNDGEYVFLTGEDNYLNFSKIIVENWGKTSLDWW
 Hamster 181I.....K.....D.....T.....
 Human 181I..V..R..I..Y.....K.....D.....S...T.....
 Horseshoe 181I..T..R..S..I..Y.....Y..GK.....D.....

HVR3

Mouse 241 TTDTCNMINGTDGDSFHPLISKDEVLYLFPSDLCRSVHITFSSFENVEGLPAFRYKVPAE
 Hamster 241 ..E.....T.....V...F.....G..T.....
 Human 241 I..K.....T.....V...F...Y...DY..S..Q.....
 Horseshoe 241 ..K.....I.....T.....I...F...I..Y...D..S..Q.....T..E..

HVR4

Mouse 301 ILANTSENAGFCIPEGNCMDSGVLNISICKNGAPIIMSFPHFYQADEKFSVAIKGMHPNK
 Hamster 301V.....V..V.....R...
 Human 301D.....LG...V.....R...E...Q
 Horseshoe 301D.....K...LG...V..V.....L...S.....R..I..E...S..

Mouse 361 EEHESFVDINPLTGIILRGAKRFQINTYVRKLDDEFVETGDIRTMVFPVMYLNESVLIDKE
 Hamster 361 .D.....A.....K..I..GI...N.....
 Human 361 .D..T.....KA.....I..K.....H...
 Horseshoe 361 .Y..T.....V...A.....I..E..I...I...N.....V.....

Mouse 421 TANQLKSVINTTLVVTNIPYIIMALGVFFGLVFTWLACRGQGSMDDEGTADERAPLIIRT
 Hamster 421 ..SR...TS...I.....L.....P.....
 Human 421 ..SR...M...II.....K.....
 Horseshoe 421 ..SR...V...II.....G..G.....

Human SCARB2 accession number: NP_005497 ref: PUBMED 1374238
 Horseshoe bat SCARB2 accession number: JF965374 ref: this study
 Mouse SCARB2 accession number: NP_031670 ref: PUBMED 9399579
 Hamster SCARB2 accession number: JF965373 ref: this study