

HR1										HR2																					
HXB2		LTVQARQLLSGIVDQQNNLLRAIEAQQHLLQLTVWGIKQLQARILAVERYLKDQQLLGIWGCSGKLICTTAVPWNASWSNKSLEQ										WNHTTWMEW		DREINNYTSLIHSLIEESCNQOEKNEQELLELDKWASLWNWFNITNW																	
NL4-3		LTVQARQLLSDIVDQQNNLLRAIEAQQHLLQLTVWGIKQLQARILAVERYLKDQQLLGIWGCSGKLICTTAVPWNASWSNKSLEQ										WNNMTWMEW		DREINNYTSLIHSLIEESCNQOEKNEQELLELDKWASLWNWFNITNW																	
N140	140N-WT.01	LTVQARQLLSGIVDQQNNLLRAIEAQQHLLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTAVPWNTSWSNKNLSQ										WDNMTWMEW		EREIDNYTGLIYTLIEESCNQOEKNEQELLELDWSASLWNWFTISKW																	
	140N-WT.03																														
	140N-WT.05													G																	
	140N-WT.06																														
	140N-WT.13																														
	140N-38A.01	A..T.												K.																	
	140N-38A.03	A..T.																													
	140N-38A.07	A..T.												A.																	
	140N-38A.09	A.										A.		S.																	
	140N-38A.13	A.												K.....K.																	
N140T	140N-38A.14	A.												K.....K.																	
	140N-38A.15	A..T.												S.																	
	140N-38A.19	A.										V.		S.																	
	140T-WT.03	.R.....Q.....F.....A.....RS..D.										K.....I.....LT..T		K.....W.K..N.....N.TN.																	
	140T-WT.04	Q.....F.....A.....RS..D.										K.....I.....LT..T		K.....W.K..N.....N.TN.																	
	140T-WT.07	Q.....F.....A.....RS..D.										K.....I.....LT..T		K.....W.K..N.....N.TN.																	
	140T-WT.08	Q.....F.....A.....RS..D.										I.....LT..T		K.....W.K..N.....N.TN.																	
	140T-WT.10	Q.....F.....A.....RS..D.										K.....I.....LT..T		K.....W.K..N.....N.TN.																	
	140T-WT.13	Q.....F.....A.....RS..D.										I.....LT..T		K.....W.K..N.....N.TN.																	
	N140I	140T-WT.18	Q.....F.....A.....RS..D.										K.....I.....LT..T		K.....W.K..N.....N.TN.																
140T-WT.20		Q.....F.....A.....RS..D.										I.....LT..T		K.....W.K..N.....N.TN.																	
140T-WT.21		Q.....F.....A.....RS..D.										I.....LT..T		K.....W.K..N.....N.TN.																	
140T-WT.22		Q.....F.....A.....RS..D.										I.....LT..T		K.....W.K..N.....N.TN.																	
140T-38A.13		A.....Q.....F.....A.....RS..D.										I.....LT..T		K.....W.K..N.....N.TN.																	
140T-38A.20		A.....Q.....F.....A.....RS..D.										I.....LT..T		K.....W.K..N.....N.TN.																	
140T-38A.22		A.....Q.....F.....A.....RS..D.										I.....LT..T		K.....W.K..N.....N.TN.																	
140T-38A.26		A.....Q.....F.....A.....RS..D.										I.....LT..T		K.....W.K..N.....N.TN.																	
140T-38A.27		A.....Q.....F.....A.....RS..N										I.....LT..T		K.....W.K..N.....N.TN.																	
140T-38A.28		A.....Q.....F.....A.....RS..D.										I.....LTK..T		K.....W.K..N.....N.TN.																	
N140I	140T-38A.29	A.....Q.....F.....A.....RS..D.										I.....LT..T		K.....W.K..N.....N.TN.																	
	140T-38A.30	A.....Q.....F.....A.....RS..D.										I.....LT..T		K.....W.K..N.....N.TN.																	
	140T-38A.32	A.....Q.....F.....A.....RS..D.										I.....LT..T		K.....W.K..N.....N.TN.																	
	140I-WT.1	T.....A..G...SYDH..N...D.										ST.....T..I		K..M...K.....D..N.																	
	140I-WT.2	T.....A.....SYDH..N...D.										ST.....T..I		K..M...K.....D..N.																	
	140I-WT.6	T.....A.....SYDH..N...D.										ST.....T..I		K..M...K.....D..N.																	
	140I-WT.7	F.....T.....A.....TYDH..N...D.										K.....SA.....T..I		H..M...K.....D..N.																	
	140I-WT.8	T.....A.....SYDH..N...D.										ST.....T..I		K..M...K.....D..N.																	
	140I-WT.17	T.....A.....SYDH..N...D.										NV.....T..I		AH..M...K.....D..N.																	
	140I-WT.18	A.....T.....A.....SYDH..N...D.										NV.....T..I		AH..M...K.....D..N.																	
N140I	140I-WT.20	T.....A.....SYDH..N...D.										ST.....T..I		K..M...K.....D..N.																	
	140I-WT.21	T.....A.....SYDH..N...D.										ST.....T..I		K..M...K.....D..N.																	
	140I-WT.22	D.....T.....A.....SYDH..N...D.										ST.....T..I		K..M...K.....D..N.																	
	140I-38A.4	A.....T.....A.....SYDH..N...D.										NV.....T..I		AH..M...K.....D..N.																	
	140I-38A.8	A.....T.....A.....SYDH..N...D.										NV.....T..I		K..M...K.....D..N.																	
	140I-38A.16	A.....T.....I.....SYDH..N...D.										NV.....T..I		AH..M...K.....D..N.																	
	140I-38A.19	A.....T.....A.....TYDH..N...D.										K.....SV.C...T..I		K..M...K.....D..N.																	
	140I-38A.34	A.....T.....A.....SYDH..N...D.										NV.....T..I		AH..M...K.....D..N.																	
	140I-38A.35	A.....T.....A.....SYDH..N...D.										NV.....T..I		AH..M...K.....D..N.																	
			Position 38										Cav-1 Binding Domain										Position 140								