

Figure S1A



Figure S1B

S1

S2

S3

Conservation																							
NaChBac	108	F	V	T	V	L	R	I	L	R	V	L	R	A	I	S	V	V	127				
NavAb	94	G	F	E	I	L	R	V	L	R	V	L	R	I	L	F	R	L	V	T	A	V	113
Nav1.4-HS DIII	1124	P	I	K	S	L	R	T	L	R	A	L	R	P	L	R	A	L	S	R	F	1143	
Nav1.7-HS DIII	1185	P	I	K	S	L	R	T	L	R	A	L	R	P	L	R	A	L	S	R	F	1204	
Nav1.2-Rat DIII	1301	A	I	K	S	L	R	T	L	R	A	L	R	P	L	R	A	L	S	R	F	1320	
BgNa _v 1-1a DIII	1363	A	E	F	K	T	M	R	T	I	R	A	I	R	P	I	R	A	M	S	R	M	1382

S4

Figure S2A

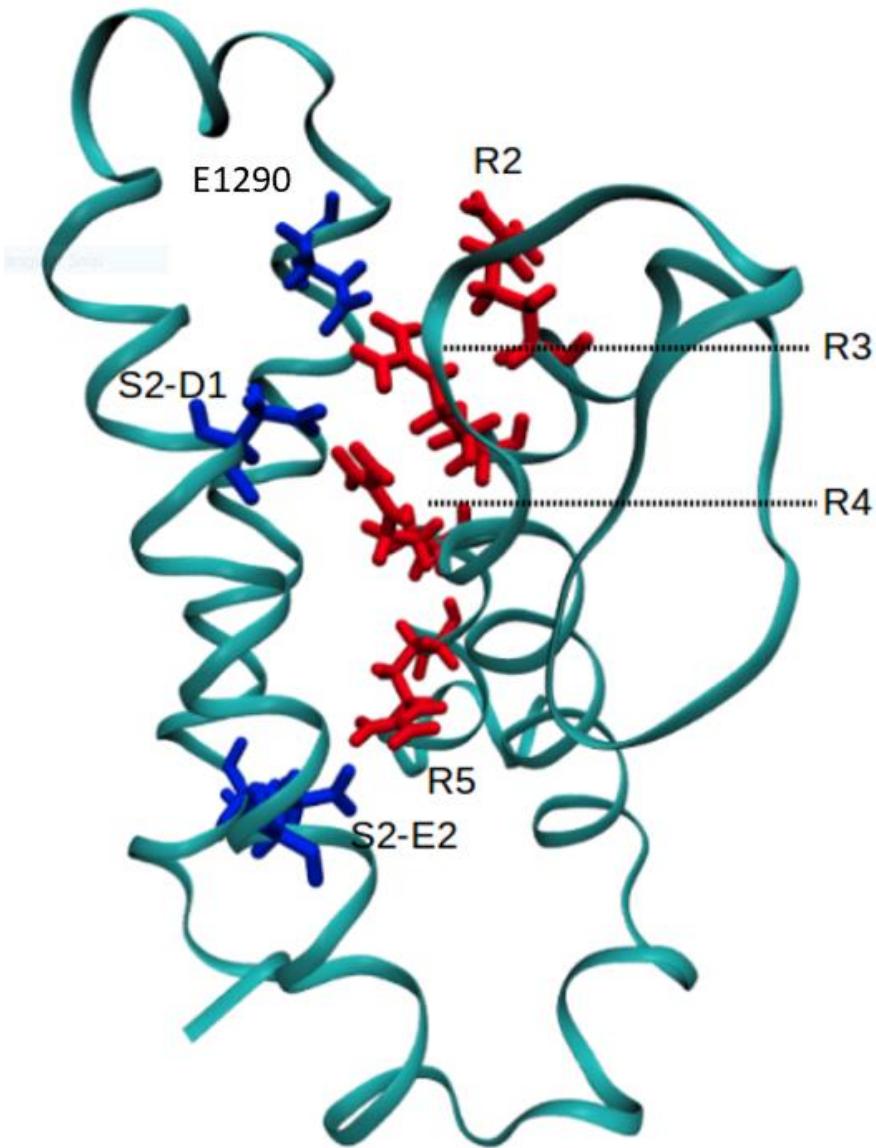


Figure S2B

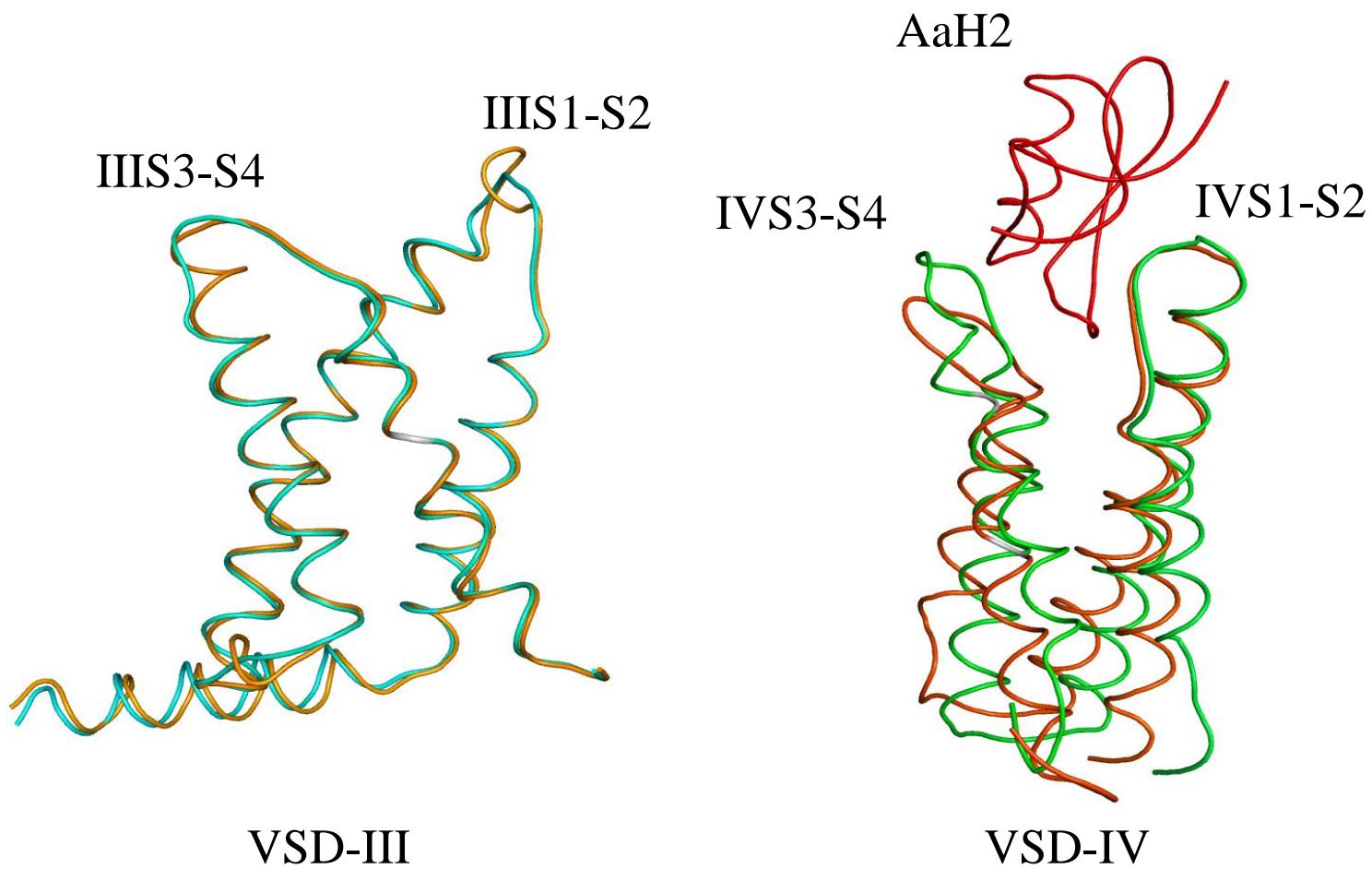


Figure S3A

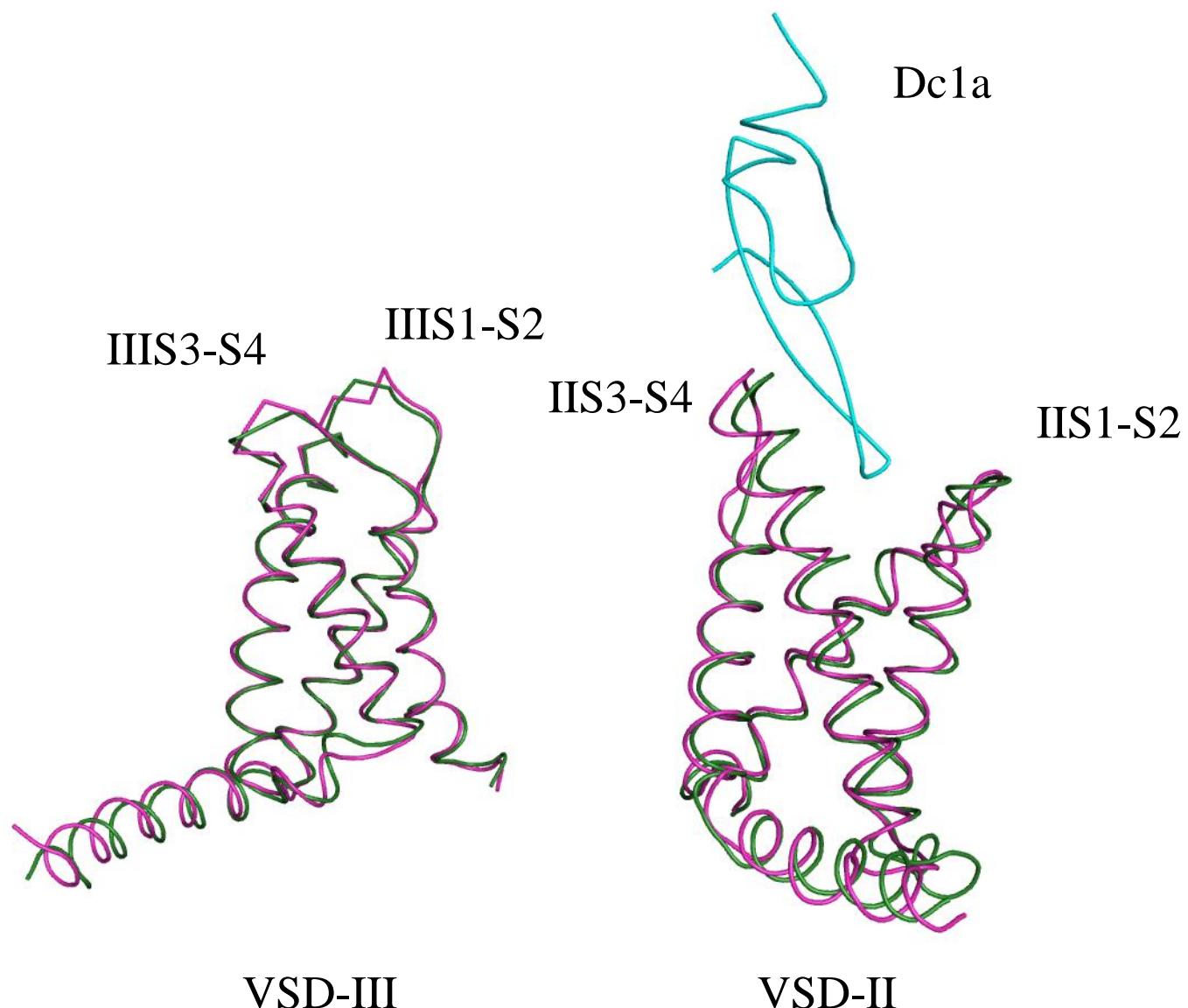


Figure S3B