

Supplementary Table 3 – Time-averaged secondary structure percentage analysis					
Secondary structure	Coil	B-Sheet	Bend	Turn	A-Helix
Ephrin A2	29	34	17	14	3
W112C	32	34	15	13	3
EphA3 (KD)	24	16	10	14	33
A749D	24	15	10	14	33
W790C	23	15	10	14	34
EphA3 (LBD)	23	46	16	1	2
F152S	23	46	16	1	2
EphA7 (KD)	22	16	13	14	29
L749F	23	15	11	12	34
EphB1 (KD)	23	15	12	13	33
G685C	24	15	12	14	31
EphB4	24	16	10	11	35
V748A	22	16	11	12	34