

**Fig. S2.** Comparison of  $β_1AR$ -JM50 and  $β_1AR$ -m23 by B factor. B factors are indicated by the thickness of the ribbon and the rainbow colouration (thin & blue, low B factor; thick & red, high B factor); (A, B)  $β_1AR$ -JM50, (C, D)  $β_1AR$ -m23. Panels B and D depict the receptor in extended conformation where the black dots show the pivot points about which regions of the receptor were rotated.