

**S6 Table. Statistical significance of VS performance between B2AR BI-bound binding pockets.** One-way ANOVA was performed on mean NSQ\_AUC  $\pm$  S.E.M. for each of the docking experiments, followed by a Tukey multiple comparison test for a) B2AR agonists vs. decoys (Fig 6b) and b) B2AR agonists vs. B2AR inhibitors (Fig 6c). Binding pocket performance is tested with P value noted as follows. \*:  $P \leq 0.05$ , \*\*:  $P \leq 0.01$ , \*\*\*:  $P \leq 0.001$ , \*\*\*\*:  $P \leq 0.0001$ , ns: not significantly different. Black asterisks signify the row structure is significantly better than the column structure, and vice-versa for red asterisks.

a) B2AR agonists vs. decoys		b) B2AR agonists vs. B2AR inhibitors					
	3P0G	3SN6	4LDE		3P0G	3SN6	4LDE
3P0G		***	****	3P0G		ns	****
3SN6			***	3SN6			****
4LDE				4LDE			