

Table S3) Conditions used for protein crystallization.

Protein	PctA-LBD			PctB-LBD		PctC-LBD
Ligand	L-Ile	L-Trp	L-Met	L-Gln	L-Arg	GABA
Precipitant	2.8 M NH ₄ /sulfate, 0.1 M Na/acetate	2.0 M Na/formate, 0.1 M Na/acetate	2.0 M Na/formate, 0.1 M Na/acetate	1.7 M NH ₄ /sulfate, 3.5% (w/v) PEG 400, 0.1 M Na/Hepes	1.25 M Na/citrate, 0.1 M Na/Hepes	2.0 M NH ₄ /sulfate, 0.1 M Tris/HCl
pH	pH 5.0	pH 4.6	pH 4.6	pH 7.5	pH 7.5	pH 8.5