

Supplemental file:**1) Crystal mounting conditions**

Crystal description	Condition/Cryo	Protein	Note
IMM01-Fab/CD47his-CSHT-B5	well solution +20% glycerol	IMM01-Fab/CD47his	<4A
IMM01-Fab/CD47his-CSHT-B5	well solution +20% glycerol	IMM01-Fab/CD47his	<4A
IMM01-Fab/CD47his-PR-G4	well solution +20% glycerol	IMM01-Fab/CD47his	<4A
IMM01-Fab/CD47his-PR-G4	well solution +20% glycerol	IMM01-Fab/CD47his	<4A

2) Diffraction test criteria.

Protein/Combination	Beamtime	note spot	Diffraction note	Observed resolution (Å)	Processed Space Group	Processed Resolution
IMM01-Fab/CD47his-CSHT-B5	APS 19IDD	spots OK	single lattice	2.6	P212121	2.76
IMM01-Fab/CD47his-CSHT-B5	APS 19IDD	spots OK	few spots	3	P212121	3.23
IMM01-Fab/CD47his-PR-G4	APS 19IDD	spots OK	few spots	3.7	P422	3.94
IMM01-Fab/CD47his-PR-G4	APS 19IDD	spots OK	few spots	4.3	P422	6.39