1 WEB294 – PFOMT Xtallization (with NADES)

	1	2	3	4	5	6
A	pH 4.3 25% PEG 4000 0.2 M Ammonsulfat	pH 4.6 25% PEG 4000 0.2 M Ammonsulfat	pH 4.9 25% PEG 4000 0.2 M Ammonsulfat	50% PCH In 0.1 M NaOAc pH 4.6	50% GCH	0.2 M Ammonsulfat In 50 % PCH ED
B	pH 4.3 30% PEG 4000 0.2 M Ammonsulfat	pH 4.6 30% PEG 4000 0.2 M Ammonsulfat	pH 4.9 30% PEG 4000 0.2 M Ammonsulfat	40% PCH	40% GCH	0.2 M Ammonsulfat In 50 % GCH ED
C	pH 4.3 35% PEG 4000 0.2 M Ammonsulfat	pH 4.6 35% PEG 4000 0.2 M Ammonsulfat	pH 4.9 35% PEG 4000 0.2 M Ammonsulfat	25% PCH	25% GCH	0.2 M Ammonsulfat In 30 % PCH ED
D	pH 4.3 30 % PEG 2000MME 0.2 M Ammonsulfat	pH 4.6 30 % PEG 2000MME 0.2 M Ammonsulfat	pH 4.9 30 % PEG 2000MME 0.2 M Ammonsulfat	50% 1:1 PCH/GCH	25% 1:1 PCH/GCH	0.2 M Ammonsulfat In 30 % GCH ED

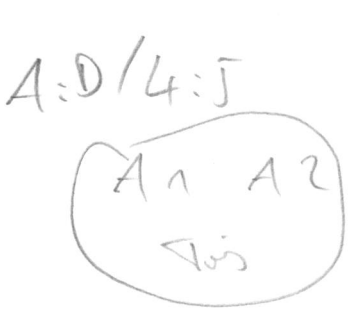
PFOMT nach ÄKTA dialysiert gegen 10 mM NaOAc pH 4.6 (A) oder 10 mM Tris pH 7.5 (B)

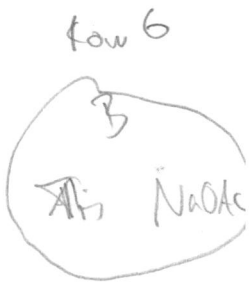
PFOMT Xtallization Solution B: 0.5 mM SAE 1 mM $MgCl_2$ 10 mg/mL PFOMT wt (µM)	**PFOMT Xtallization Solution A1:** 261 µM mM SAH 261 µM $MgCl_2$ 261 µM FA 7.5 mg/mL PFOMT wt (261 µM) In 10 mM Tris pH 7.5	**30 µl** 0.99 µl 7.9 mM SAH 0.31 µl 25 mM $MgCl_2$ 0.31 µl 25 mM FA 4.66 µl 48.33 mg/mL PFOMT 23.73 µl 10 mM Tris pH 7.5
10 µl 1 µl 5 mM SAE 0.4 µl 25 mM $MgCl_2$ 3.9 µl 25.66 mg/mL PFOMT 4.7 µl 10 mM NaOAc pH 4.6	**PFOMT Xtallization Solution A2:** 261 µM mM SAH 261 µM $MgCl_2$ 261 µM FA 7.5 mg/mL PFOMT wt (261 µM) In 10 mM NaOAc pH 4.6	**30 µl** 0.99 µl SAH 0.31 µl 25 mM $MgCl_2$ 0.31 µl 25 mM FA 8.77 µl 25.66 mg/mL PFOMT 19.62 µl 10 mM NaOAc pH 4.6

2 – 2 Teile Solution (A/B): 1 Teil Reservoir

A2:5, B3:5, C3:5, D3:5 → precipitate formed upon addition of reservoir buffer (more or less macroscopically turbid)

Tag





28.07.14

	1	2	3	4	5	6
A	p0 1	p(+) 2	p0 1	C C p+	C C p+	C p0 p
B	p(+) 2	p++ 4	p+ 3	C C p0	C C ~	C C C
C	p+ 3	p+ 3	p+ 3	C C p++	C ~ ~	C ? ~
D	p+ PEDx p++ PEDx	C C C	C C C	C C C	C C ~	C C —