

Table S1. BioFlo610 protein yields from cell mass purifications. Final BioFlo610 volumes were 95 L and 68 L and 19 kg and 13 kg for rHIF α and rHIF $\gamma_{(C387S)}$, respectively.

rHIF α					
Purification #	Cell Mass (g)	Volume Equivalent (L)	Recovered Protein (g)	Volumetric Yield (g L ⁻¹)	Mass Yield (g kg ⁻¹)
1	400	2	17	8.5	42.5
2	400	2	13	6.5	32.5
3	400	2	14	7	35
4	400	2	15	7.5	37.5
5	400	2	18	9	45
6	400	2	16	8	40
Average	400	2	15.5 ± 1.9	7.8 ± 0.9	38.8 ± 4.7
rHIF $\gamma_{(C387S)}$					
Purification #	Cell Mass (g)	Volume Equivalent (L)	Recovered Protein (g)	Volumetric Yield (g L ⁻¹)	Mass Yield (g kg ⁻¹)
1	400	2.1	15	7.1	37.5
2	400	2.1	19	9	47.5
3	400	2.1	20	9.5	50
4	400	2.1	17	8.1	42.5
5	500	2.5	23	9	46
Average	420 ± 45	2.2 ± 0.2	18.8 ±	8.5 ± 1.0	44.7 ± 4.9