Table S1. BioFlo610 protein yields from cell mass purifications. Final BioFl0610 volumes were 95 L and 68 L and 19 kg and 13 kg for rHIFα and rHIFγ(C387S), respectively.

| 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          |

| 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          |