

Fig. S1. CD analysis of DBL\(\beta\)3 D4 wt, DBL\(\beta\)3 D4 P2b D5 and DBL\(\beta\)3 D4 P3a D5.

(A) Secondary structure analysis of DBLβ3_D4 wt, DBLβ3_D4_P2b_D5 and DBLβ3_D4_P3a_D5. Circular dichorism spectra were recorded between 195 and 260 nm at 20°C. For each sample, four measurements were averaged and corrected for buffer absorption. (B) Thermal denaturation of DBLβ3_D4 wt, DBLβ3_D4_P2b_D5 and DBLβ3_D4_P3a_D5. Spectra were recorded between 200 and 250 nm. Between each measurement, the temperature was increased in 0.5°C increments. (C) Melting curve for DBLβ3_D4 wt, DBLβ3_D4_P2b_D5 and DBLβ3_D4_P3a_D5. The ellipticity θ was measured at 222 nm from 20°C to 90°C. Between each measurement, the temperature was increased in 0.5°C increments.