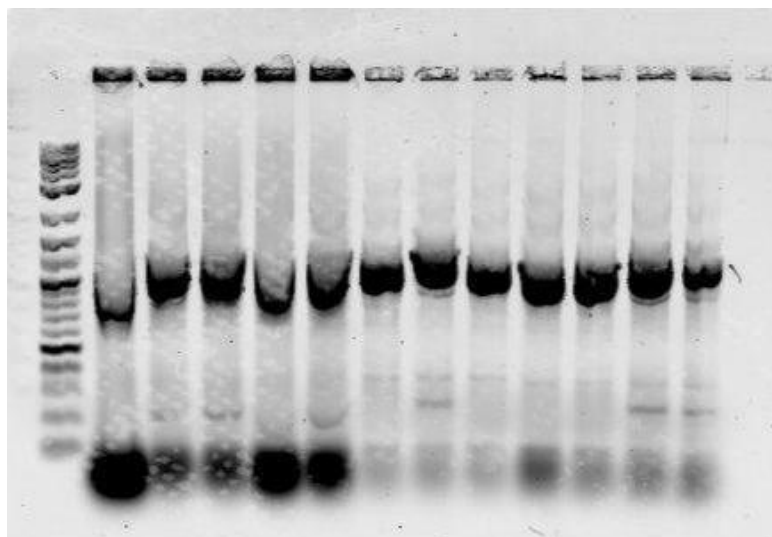
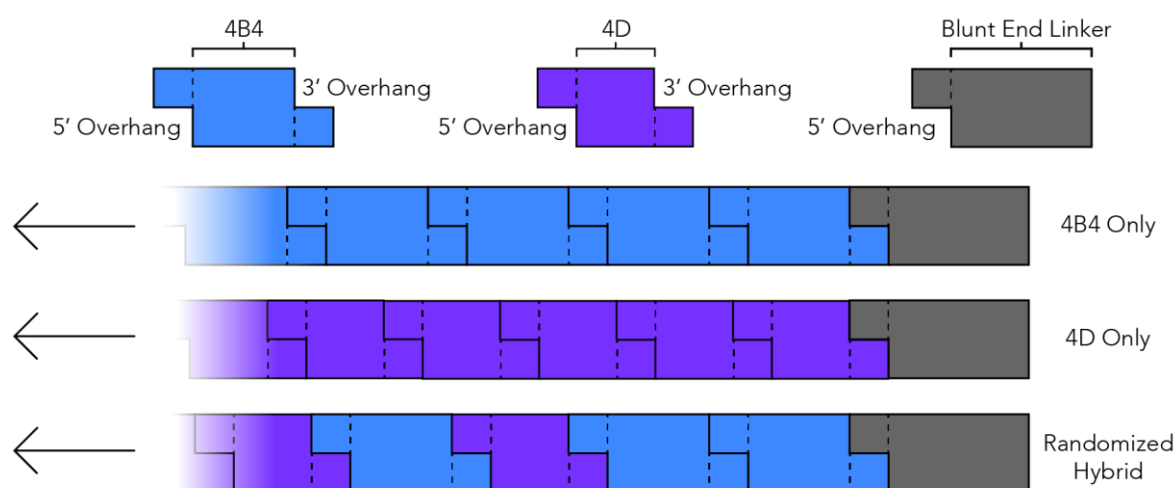


Supporting information

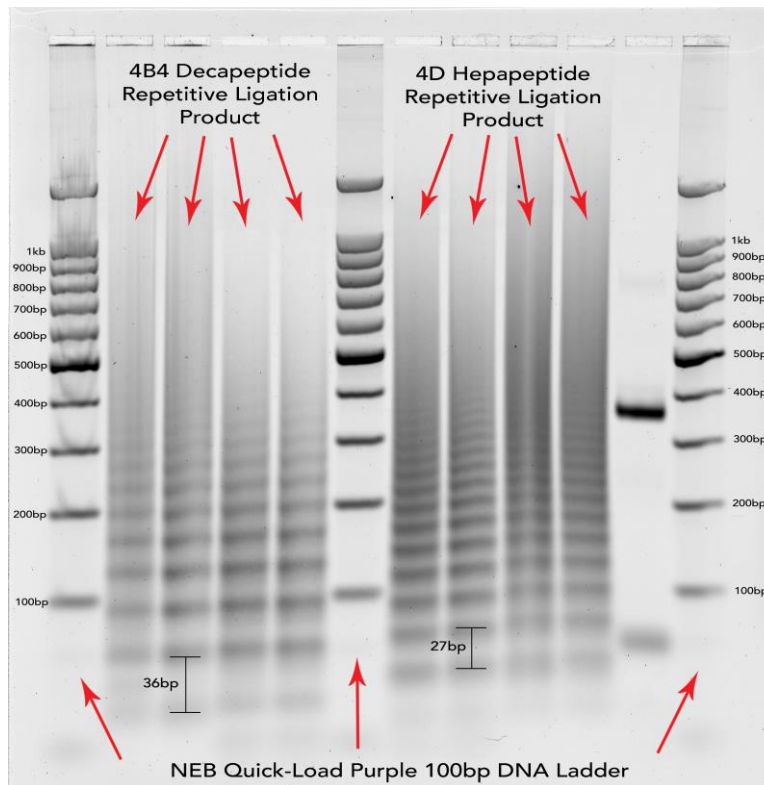
Supplemental information on protocols and methodology can be found here:
http://2016.igem.org/Team:Stanford-Brown/SB16_Protocols.



S1 Fig. Gel run of the chromoproteins and Flag-Lumino His tag. Ladder (left to right), DonnerMagenta, VirginiaViolet, ScroogeOrange, LeorOrange, DreidelTeal, VixenPurple, SeraphinaPink, CupidPink, TinselPurple, PrancerPurple, MaccabeePurple, BlitzenBlue. As can be seen in the image, there is a strong band near the 1000 bp mark (2nd major ladder band) where expected.



S2 Fig. Schematic of repetitive DNA block assembly using blunt ended linker as initiation site.



S3 Fig. Electrophoresis gel of DNA ligation product of repetitive assembly of up to 30 repeated sequences for melanin binding oligopeptides. Striations in 4B4 decapeptide and 4D heptapeptide lanes correspond to sequences differing in the number of repeated DNA blocks