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(54) Title: IL10 INVERTED MONOMERS

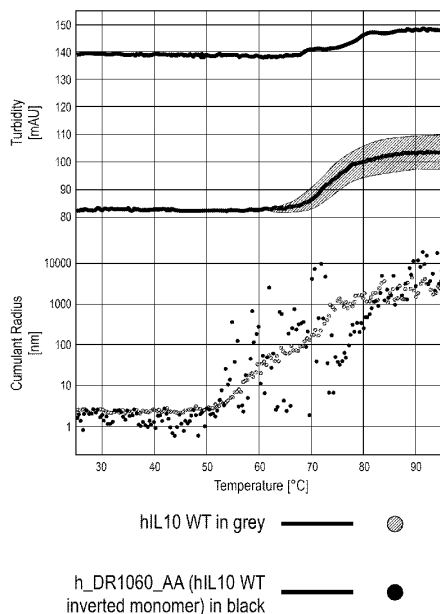


FIG. 1

(57) Abstract: The present disclosure relates to engineered polypeptides comprising components of IL10 molecules that modulate signal transduction associated with IL10 and methods of use thereof. In some aspects, the polypeptides of the disclosure exhibit cell type biased activity. In some aspects the polypeptides of the disclosure substantially retain the anti-inflammatory properties of IL10 but have significantly diminished pro-inflammatory properties of IL-10. The disclosure provides methods of use of the engineered polypeptides in the treatment of disease.

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