



Fig. S2: The Mean Square Displacement between our predicted structures for AncCR-AncGR1 (blue), AncCR-AncGR2 (green), and AncGR1-AncGR2 (red). The three large structural changes between successive generations are associated with the shift in; (i) β -sheet b1 and helices 5, 6 and 7; (ii) helix 9 and the top of helix 10; (iii) the bottom loop of helix 10 and the activation function helix.