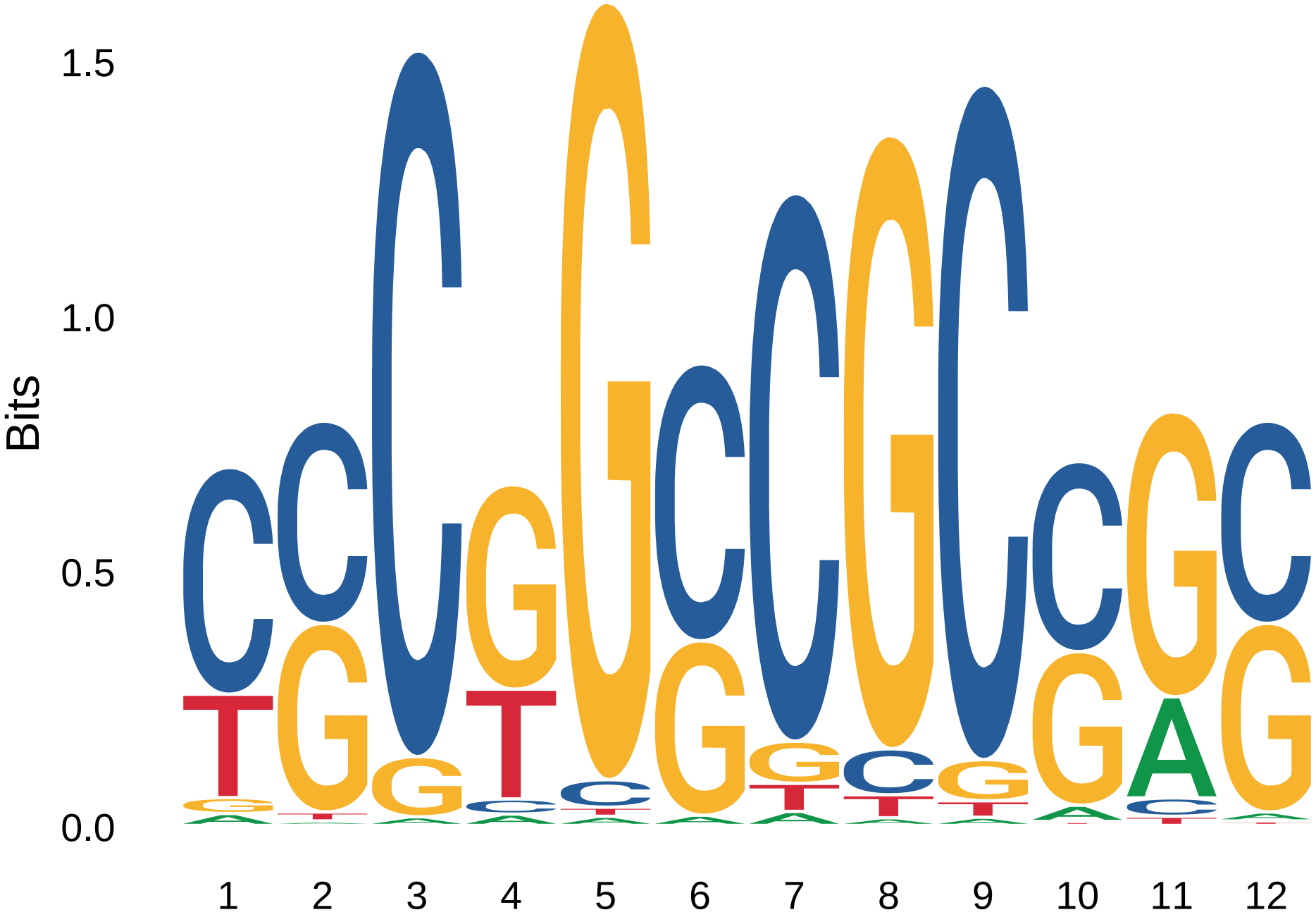motif_refined_serum_25