

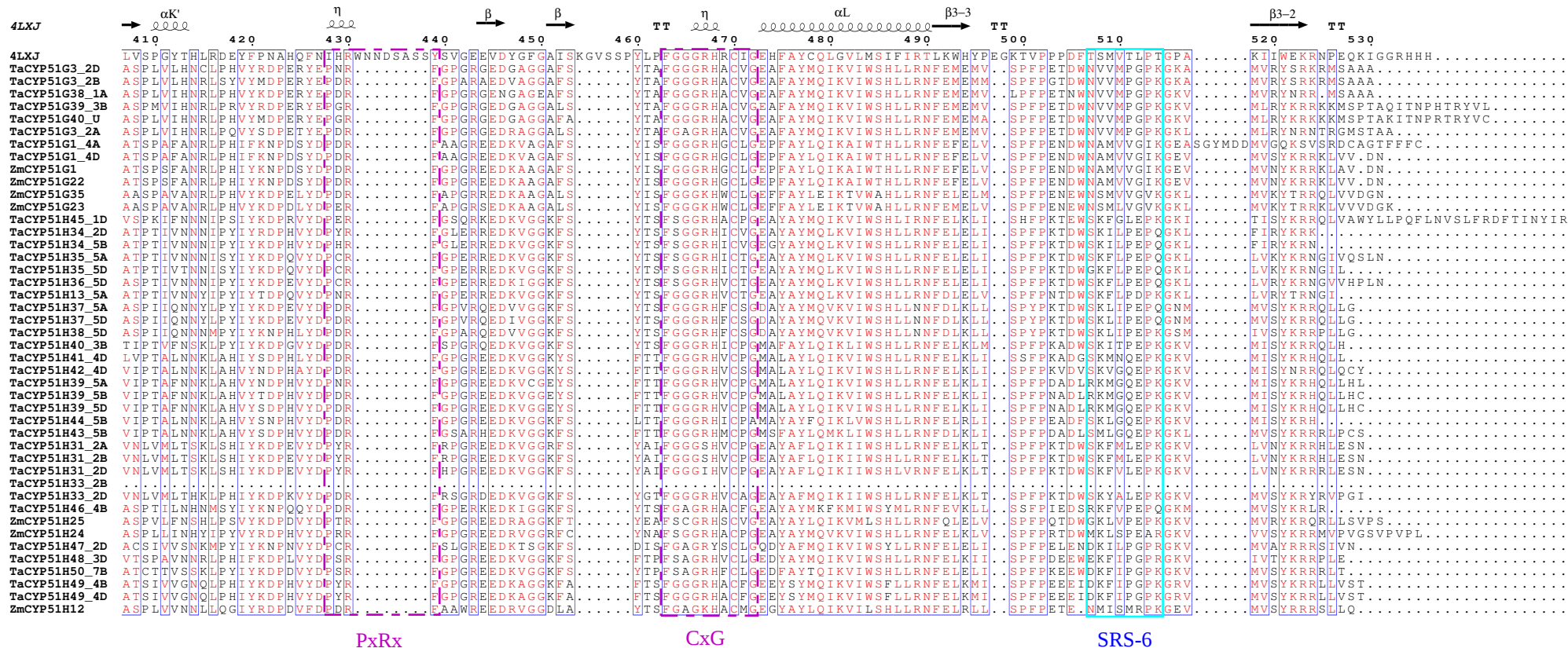


Figure S14. Multiple sequence alignment and secondary structure assignment of CYP51 members. Assignment of secondary structure elements was based on 4LXJ. *Cyan* frames localize Gotoh's Substrate recognition sites (SRSs) 1–6 that were manually determined. *Purple* frames localize the main CYP450 motifs. The η symbol refers to a 3_{10} -helix. α -helices, 3_{10} -helices and π -helices are displayed as medium, small and large squiggles, respectively. β -strands are rendered as arrows, strict β -turns as TT letters and strict α -turns as TTT. White characters on the red background show strict identity. Red characters on the white background show similarity in a group, while blue frames show similarity across groups.