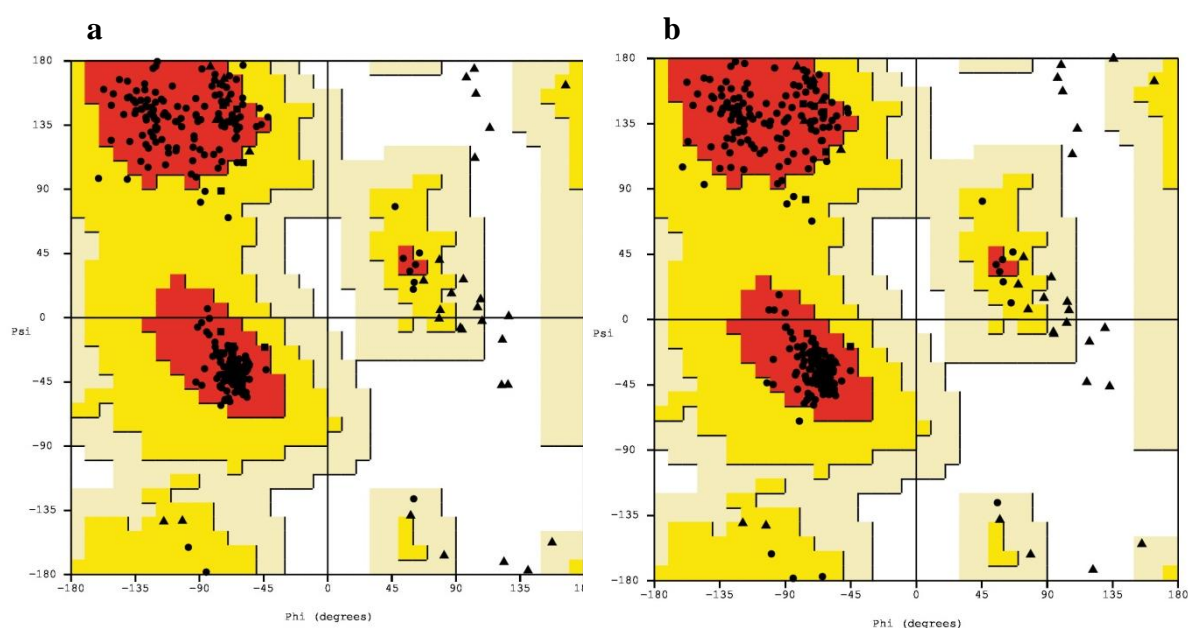


**Supplementary materials**  
**Substrate structure and computation guided engineering of a Lipase**  
**for Omega-3 fatty acid selectivity**

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**Figure S1: Ramachandran plot of modelled GTL (a) and DM-GTL (b) in lid open conformation.**

Triangle represents glycine and square represents proline. Other amino acids are represented by circle. Red colour indicates most favoured region, deep yellow indicates additional allowed region and light yellow indicates generously allowed region.