

# Supplementary Information

## Semi-Rational Design of L-Isoleucine Dioxygenase Generated Its Activity for Aromatic Amino Acid Hydroxylation

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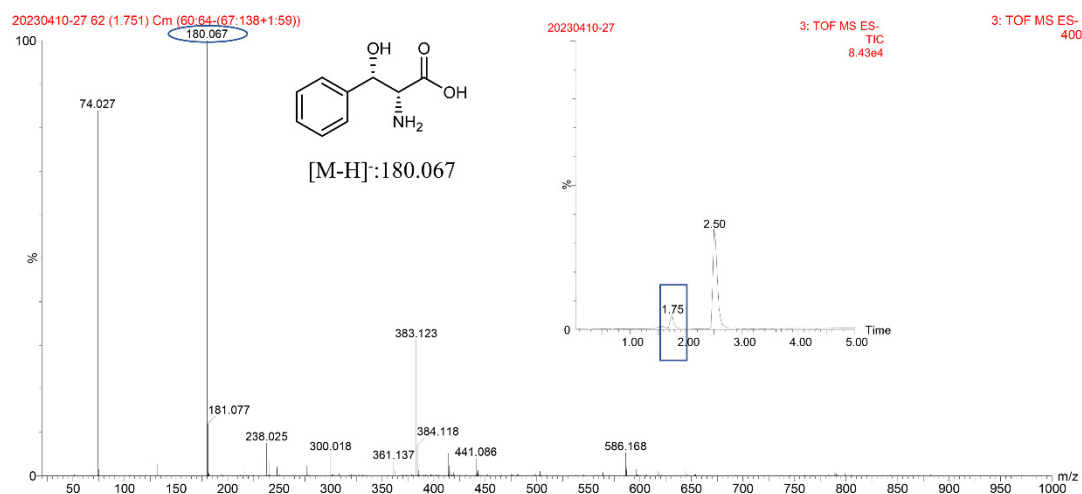


Figure S1. LC-MS analysis of products catalyzed by Y143D with substrate PHE.

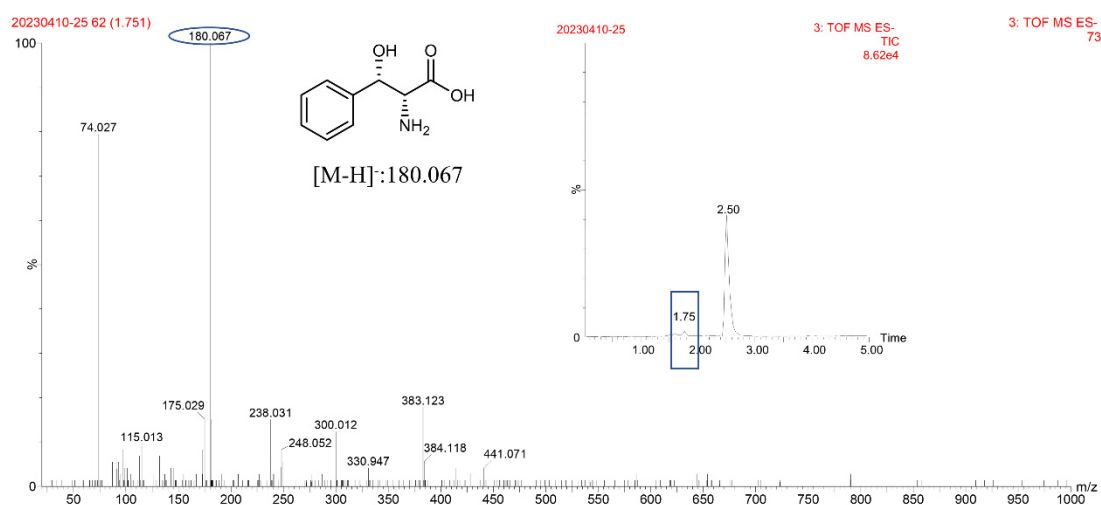


Figure S2. LC-MS analysis of products catalyzed by Y143I with substrate PHE.

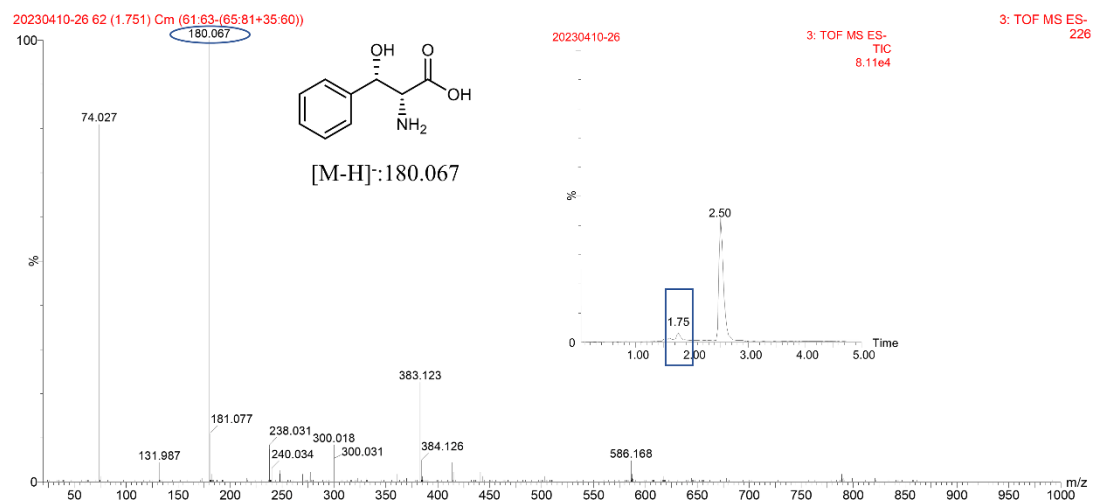


Figure S3. LC-MS analysis of products catalyzed by S153A with substrate PHE.