

Table S1. The LogP values of the precursors and products for ENS

Enzyme	Precursor	LogP	Product	LogP
ALP	1	3.80	2	4.97
	3	2.05	4	3.63
	5	3.13	6	4.70
ENTK	7	-1.75	9	1.02
ALP	10	3.03	11	4.14
	12	0.45	13	1.06
	14	3.56	15	4.39
	16	2.82	17	3.30
Esterase	19	1.34	18	1.15
	20	0.75		
	21	0.12		
	22	0.10		