

Molecular insight into ligand binding and transport by the lentil lipid transfer protein Lc-LTP2: the role of basic amino acid residues at opposite entrances to the hydrophobic cavity

Daria N. Melnikova ^{1,2,*}, Ivan V. Bogdanov ¹, Andrey E. Potapov ^{1,2}, Anna S. Alekseeva ¹, Ekaterina I. Finkina ¹ and Tatiana V. Ovchinnikova ^{1,2}

1 M.M. Shemyakin & Yu.A. Ovchinnikov Institute of Bioorganic Chemistry, the Russian Academy of Sciences, 117997 Moscow, Russia; contraton@mail.ru (I.V.B.); anna@lipids.ibch.ru (A.S.A.); finkina@mail.ru (E.I.F.); ovch@ibch.ru (T.V.O.)

2 Phystech School of Biological and Medical Physics, Moscow Institute of Physics and Technology, 141701 Dolgoprudny, Russia

* Correspondence: d_n_m@mail.ru.

Table S1. List of mutagenizing primers.

Mutation	Mutagenesis primer sequences (5'-3')
sK61A	CAGCAGCCGGTTCTATTACTGTGTTGAATACTAACAACGCTGC
ansK61A	AGTAATAGAACCGGCTGCTGATT
sK81A	ATCAGTACCACCACCAACTGTAA
ansK81A	CAGTTGGTGGTGGTACTGATTGCGTAAGGAATGTTGACACCAC