

A conserved π -cation and an electrostatic bridge are essential for 11R-lipoxygenase catalysis and structural stability
Eek, Priit; Piht, Mari-Ann; Rätsep, Margus; Freiberg, Arvi; Järving, Ivar; Samel, Nigulas Biochimica et Biophysica Acta (BBA) - Molecular and Cell Biology of Lipids 2015 / p. 1377-1382 : ill <https://doi.org/10.1016/j.bbalip.2015.07.007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Gly188Arg substitution eliminates substrate inhibition in arachidonate 11R-lipoxygenase
Pöldemaa, Kaspar; Lipp, Maarja; Järving, Ivar; Samel, Nigulas; Eek, Priit Biochemical and biophysical research communications 2019 / p. 81-85 : ill <https://doi.org/10.1016/j.bbrc.2019.08.132> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A PDZ-like domain mediates the dimerization of 11R-lipoxygenase
Eek, Priit; Pöldemaa, Kaspar; Kasvandik, Sergio; Järving, Ivar; Samel, Nigulas Biochimica et Biophysica Acta (BBA) - molecular and cell biology of lipids 2017 / p. 1121-1128 : ill <https://doi.org/10.1016/j.bbalip.2017.07.012> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)