

Control of prostaglandin stereochemistry at the 15-carbon by cyclooxygenases-1 and -2. A critical role for serine 530 and valine 349

Schneider, Claus; Boeglin, William E.; Prusakiewicz, J.J.; Rowlinson, S.W.; Marnett, L.J.; **Samel, Nigulas**; Brash, Alan R. Journal biological chemistry 2002 / p. 478-485

A fungal catalase reacts selectively with the 13S fatty acid hydroperoxide products of the adjacent lipoxygenase gene and exhibits 13S-hydroperoxide-dependent peroxidase activity

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Structural and functional comparison of 15S- and 15R-specific cyclooxygenases from the coral Plexaura homomalla

Valmsen, Karin; Boeglin, William E.; **Järving, Ivar**; Schneider, Claus; **Varvas, Külliki**; Brash, Alan R.; **Samel, Nigulas** Eur. J. Biochem. 2004 / p. 3533-3538 : ill <https://febs.onlinelibrary.wiley.com/doi/full/10.1111/j.0014-2956.2004.04289.x>