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## List of Abbreviations

PG	Prostaglandin
EFA	Essential fatty acids
PLA2	Phospholipase A2
DAG	Diacylglycerol
IP3	Inositol triphosphate
COX-1	Cyclooxygenase 1
COX-2	Cyclooxygenase-2
PGG2	Prostaglandin G2
PGH2	Prostaglandin H2
SP	Single peptide
DM	Dimerization domain
EG	Epidermal growth factor domain
Mb	Membrane binding domain
Cat	Catalytic domain
NSAIDs	Non steroidal anti-inflammatory drugs
GI	Gastrointestinal
DMARDs	Disease modifying anti-rheumatic drugs
IR	Infrared
DMSO	Dimethyl sulfoxide
DSC	Differential scanning calorimetry
NMR	Nuclear magnetic resonance
PDB	Protein data bank
$\delta$	Delta