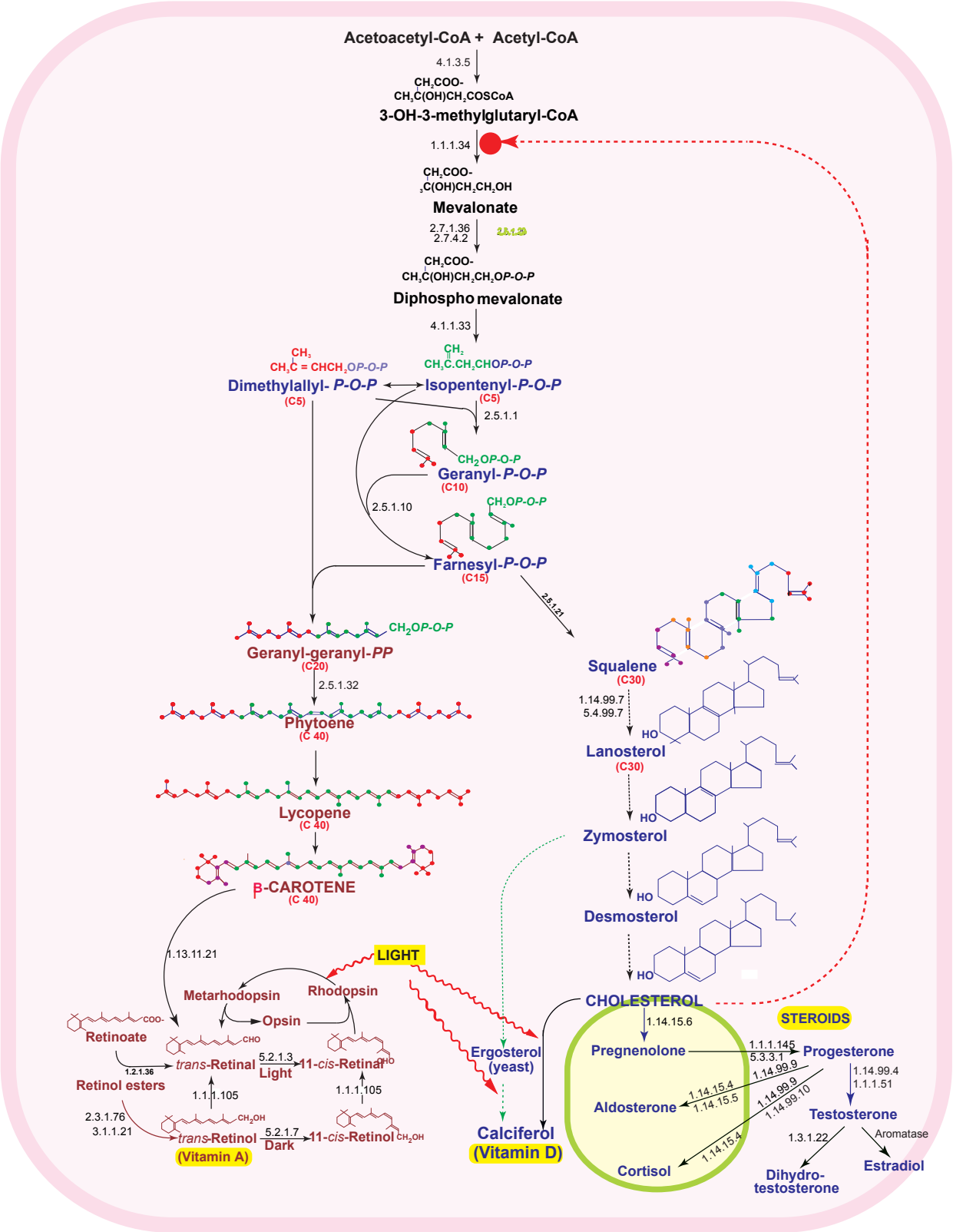
ISOPRENE METABOLISM



ENZYMES

1.1.1.34	HMG-CoA reductase (NADPH)
1.1.1.105	Retinol dehydrogenase
1.1.1.145	Progesterone reductase
1.2.1.36	Retinal dehydrogenase
1.3.1.22	Cholestenine 5 -reductase
1.13.11.21	-Carotene-15,15'-dioxygenase
1.14.15.4	Steroid-11 -monooxygenase
1.14.15.5	Corticosterone 18-monooxygenase
1.14.15.6	Cholesterol monooxygenase (side-chain cleaving)
1.14.99.4	Progesterone monooxygenase
1.14.99.9	Steroid 17 -monooxygenase
1.14.99.10	Steroid 21-monooxygenase
2.3.1.76	Retinol O-fattyacyltransferase
2.5.1.1	Dimethyallyl*trans*transferase
2.5.1.10	Geranyl*trans*transferase geranylgeranyltransferase
2.5.1.32	Geranylgeranyl diphosphate
2.7.1.36	Mevalonate kinase
2.7.4.2	Phosphomevalonate kinase
3.1.1.31	Retinyl-palmitate esterase
4.1.1.33	Diphosphomevalonate decarboxylase
4.1.3.5	Hydroxymethylglutaryl-CoA lyase
5.2.1.3	Retinal isomerase
5.2.1.7	Retinol isomerase
5.3.3.1	Steroid -isomerase
5.4.99.7	Lanosterol synthase

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