TERPENOID BACKBONE BIOSYNTHESIS Glycolysis D-Glyceraldehyde 3-phosphate Acetyl-CoA 🍑◀ pyruvatꩺ K00626 Mevalonate pathway MEP/DOXP pathway 71-Deoxy-D-xylulose 5-phosphate **O**ºAcetoacetyl-CoA K01641 C-Methyl-D-erythritol 4-phosphate 3-Hydroxy-3-methyl-glutaryl-CoA ispD -4(Cytidine 5'-diphospho)-2-C-methyl-D-erythritol K00021 K00054 2-Phospho-4-(cytidine 5'-diphospho)-2-C-methyl-D-erythritol 🌣 Mevalonate K18689 cॡ32-C-Methyl-D-erythritol Mevalonate-3P 🔿 🗘 Mevalonate-5P 2,4-cyclodiphosphate K18690 K00938... gcpE gcpE 1-Hydroxy-2-methyl-K17942 K01597 Mevalonate-3,5PP 🍑 2-butenyl 4-diphosphate Mevalonate-5PP K06981 Isopentenyl-P Dimethylallyl-PP 04 K01823 2.5.1.20 **►**OIsoprene Rubber Isopentenyl-PP Zeatin biosynthesis (Z,Z)-Farnesyl-PP Sesquiterpenoid and triterpenoid biosynthesis Monoterpenoid biosynthesis Geranyl-PP Decaprenyl-PP O K14215 Polypreny-PP 🗪 (Z,E)-Famesyl-PP Diterpenoid biosynthesis (E,E)-Famesyl-P Farnesal trans-Farnesol Carotenoid biosynthesis (E,E)-Famesyl-PP Indole diterpene alkaloid biosynthesis K15793 Geranyl geranyl-PP K05906 K05906 ispA Steroid biosynthesis Farnesyl cysteine K05355.. K15888 sds K15889 K06013 K05355... K05954... K00587 K08658 Hexaprenyl-PP Protein C-terminal S-farnesyl-L-cysteine methyl ester S-famesyl protein Protein C-terminal S-famesyl-L-cysteine Nona-prenyl-PP K00805 **₽**0 Phytyl-PP Carotenoid biosynthesis tritrans,heptacis-Undecaprenyl-PP Heptaprenyl-PP N-Glycan biosynthesis K02523 Dehydro_ Dolichol-PP Octaprenyl-PP dolichol-PP Ubiquinone and other terpenoid-quinone biosynthesis COTTA K12504... di-trans,poly-cis-Undecaprenyl-PP Decaprenyl-PP 00900 2/9/17 (c) Kanehisa Laboratories