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                    1                   11                  21                  31                  41
Consensus           MKqLaiiGST          GSIGcqtLqV          VRhiPehFii          eaLaAGkNqe          amisQirEFs
Conservation
Ctl2_dxr_.pdb     1 MKHLALIGST          GSIGRQVLQV          VRSIPDTFII          ETLAAGRNQE          ALISQIREFN
E_coli_dxr.pdb    1 MKQLTILGST          GSIGCSTLDV          VRHNPEHFRV          VALVAGKNVT          RMVEQCLEFS

                    51                  61                  71                  81                  91
Consensus           PRyaamreEa          syKeLkkml.          ...phiEiLs          GqqaacsmAa          epsVtitiaA
Conservation
Ctl2_dxr_.pdb    51 PRVVAVREET          TYKELRKLF.          ...PHIEILL          GEEGLVSVAT          EPSVTITIVA
E_coli_dxr.pdb   51 PRYAVMDDEA          SAKLLKTMLQ          QQGSRTEVLS          GQQAACDMAA          LEDVDQVMAA

                    101                 111                 121                 131                 141
Consensus           isGiaaLpat          iAAIRqkKTI          aLANKESLVa          aGrLfmtaak          qskaQiLPiD
Conservation
Ctl2_dxr_.pdb    97 SSGIDALPAV          IAAIRQKKTI          ALANKESLVA          AGELVTTLAR          ENGVQILPID
E_coli_dxr.pdb  101 IVGAAGLLPT          LAAIRAGKTI          LLANKESLVT          CGRLFMDAVK          QSKAQLLPVD

                    151                 161                 171                 181                 191
Consensus           SEHNAiFQcL          pqp.......          ...eqstikk          iLLTaSGGPl          Rekpkreqk
Conservation
Ctl2_dxr_.pdb   147 SEHNALFQCL          EGR.......          ...DSSTIKK          LLLTASGGPL          RNKSKEELQK
E_coli_dxr.pdb  151 SEHNAIFQSL          PQPIQHNLGY          ADLEQNGVVS          ILLTGSGGPF          RETPLRDLAT

                    201                 211                 221                 231                 241
Consensus           mspqqacRHP          nWsMGpKIsV          DSaTmmNKGL          EiIEArWLFg          asAsqiEalI
Conservation
Ctl2_dxr_.pdb   187 VSLQEVLRHP          VWNMGPKITV          DSSTLVNKGL          EIIEAFWLFG          LEAVEIEAVI
E_coli_dxr.pdb  201 MTPDQACRHP          NWSMGRKISV          DSATMMNKGL          EYIEARWLFN          ASASQMEVLI

                    251                 261                 271                 281                 291
Consensus           HPQSliHsMV          ryqDGsiLaq          mkpPsMrtPI          qHtmawPeRs          paigppIDFc
Conservation
Ctl2_dxr_.pdb   237 HPQSLVHGMV          EFCDGTILSV          MKPPSMLFPI          QHVLTFPERS          PAIGPGFDFL
E_coli_dxr.pdb  251 HPQSVIHSMV          RYQDGSVLAQ          LGEPDMRTPI          AHTMAWPNRV          NSGVKPLDFC

                    301                 311                 321                 331                 341
Consensus           slsaLeFaai          DyDRyPslhL          Akraleqkqa          atcalNaANE          alVaaFLAqq
Conservation
Ctl2_dxr_.pdb   287 SNRTLEFFPI          DEDRFPSVHL          AKRVLLEKGS          MGCFFNGANE          ALVHRFLAGE
E_coli_dxr.pdb  301 KLSALTFAAP          DYDRYPCLKL          AMEAFEQGQA          ATTALNAANE          ITVAAFLAQQ

                    351                 361                 371                 381                 391
Consensus           IswhqIaakl          qalleqhrmq          spqsleeiLS          VDAeARarAq          kc.....
Conservation
Ctl2_dxr_.pdb   337 ISWHQIVPKL          QALVDQHRVQ          SCLSLEEILS          VDAEARARAQ          EC.....
E_coli_dxr.pdb  351 IRFTDIAALN          LSVLEKMDMR          EPQCVDDVLS          VDANAREVAR          KEVMRLA
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