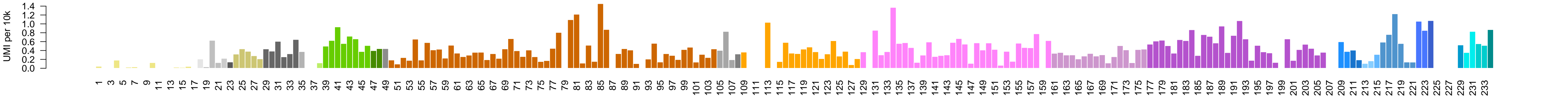


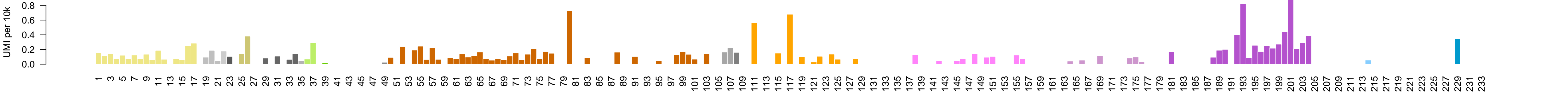
cytochrome_P450_family_46_subfamily_A_member_1 | p450/
HoiH23_PIH23_000128



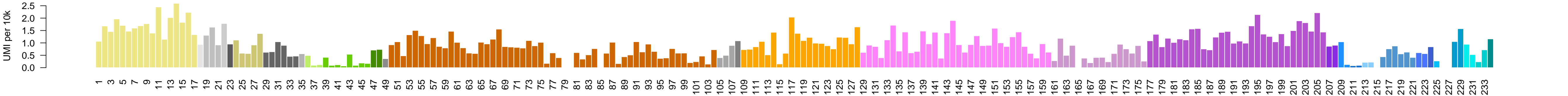
apoptosis_inducing_factor_mitochondria_associated_3 | Rieske/Pyr_redox_2/Reductase_C/
HoiH23_PIH23_000364



cytochrome_P450_family_3_subfamily_A_member_5 | p450/
HoiH23_PIH23_000581

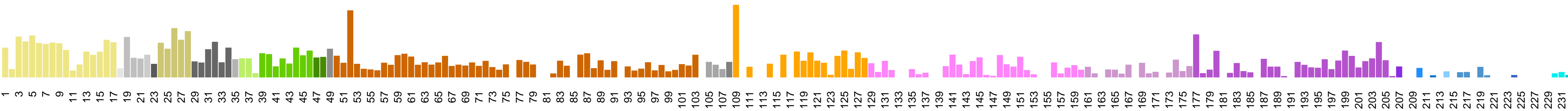
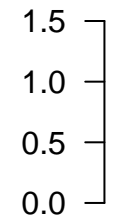


fatty_acid_desaturase_3 | Cyt-b5/FA_desaturase/
HoiH23_PIH23_000638

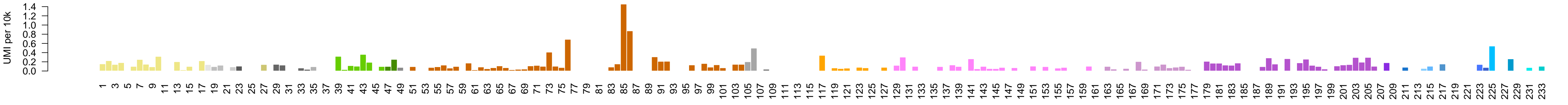


3_ketodihydrosphingosine_reductase | adh_short/
HoiH23_PIH23_000751

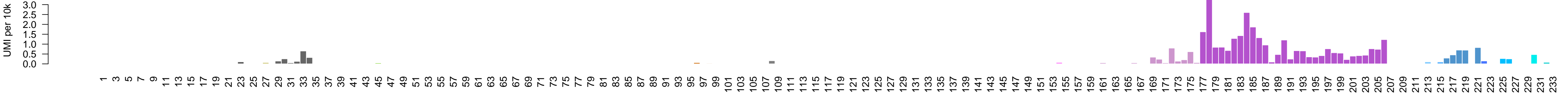
UMI per 10k



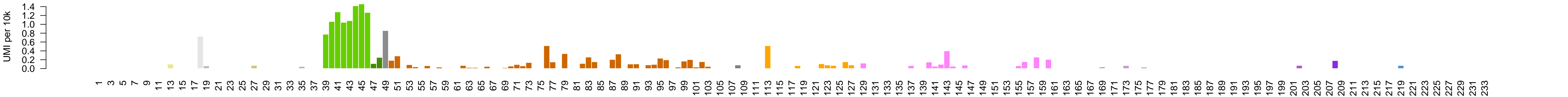
retinol_dehydrogenase_8 | adh_short/
HoiH23_PIH23_000886



hydroxysteroid_17_beta_dehydrogenase_1 | adh_short/
HoiH23_PIH23_000888



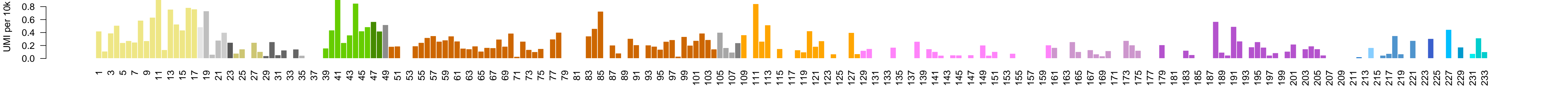
alkylglycerol_monooxygenase | FA_hydroxylase/
HoiH23_PIH23_001008



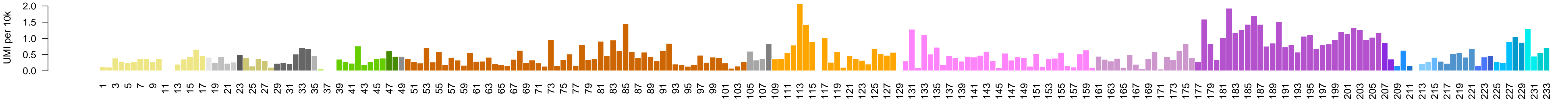
alkylglycerol_monooxygenase | FA_hydroxylase/
HoiH23_PIH23_001009



short_chain_dehydrogenase_reductase_family_16C_member_5 | adh_short/
HoiH23_PIH23_001459

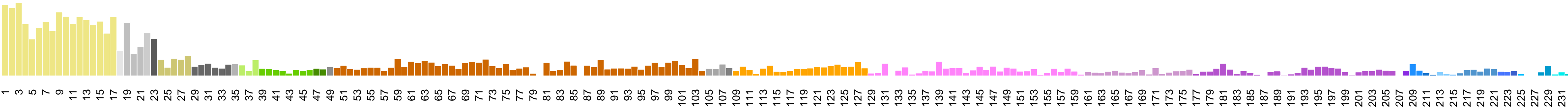
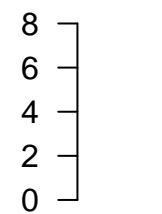


fatty_acid_2_hydroxylase | Cyt-b5/FA_hydroxylase/
HoiH23_PIH23_001621

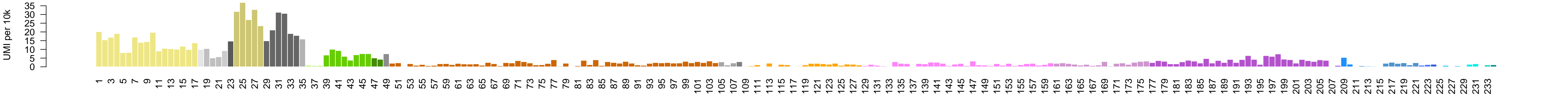


15_hydroxyprostaglandin_dehydrogenase | adh_short/
HoiH23_PIH23_001667

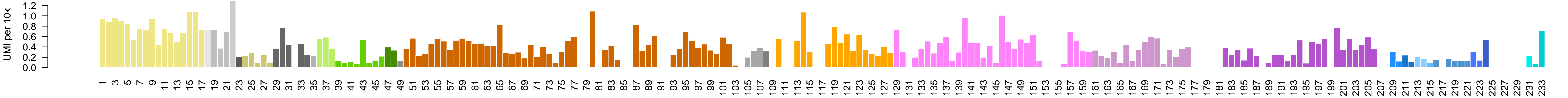
UMI per 10k



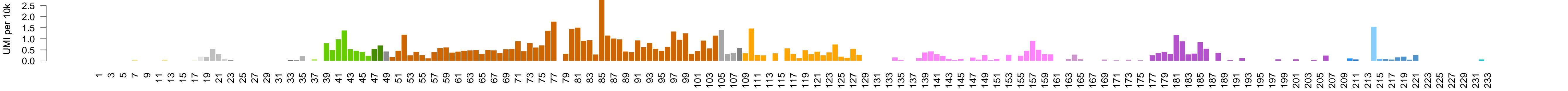
15_hydroxyprostaglandin_dehydrogenase | adh_short/
HoiH23_PIH23_001672



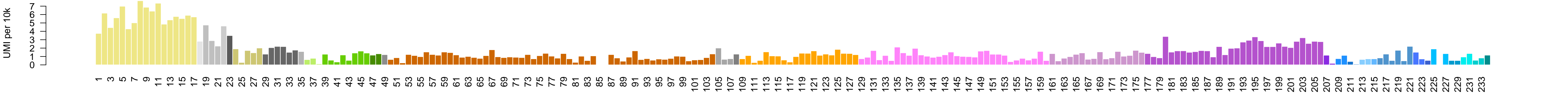
dehydrogenase_reductase_1 | adh_short/
HoiH23_PIH23_001679



dehydrogenase_reductase_1 | adh_short/
HoiH23_PIH23_001680

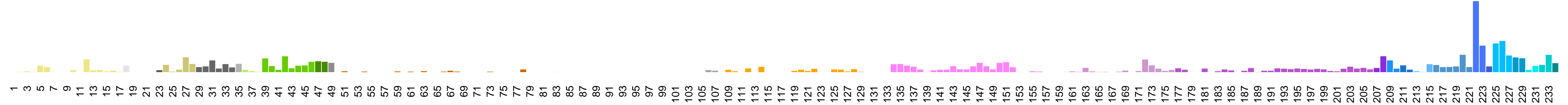
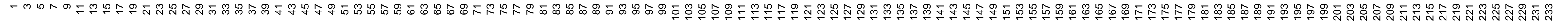
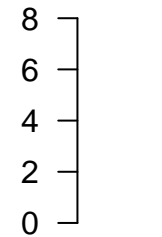


methyIsterol_monooxygenase_1 | FA_hydroxylase/
HoiH23_PIH23_001779

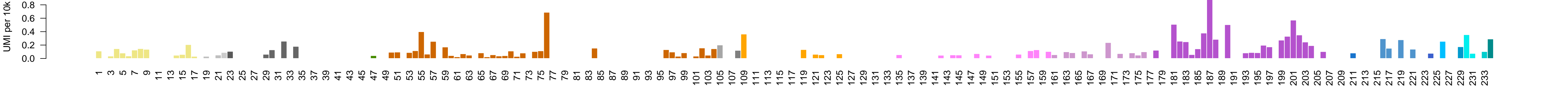


stearoyl_CoA_desaturase | FA_desaturase/
HoiH23_PIH23_001866

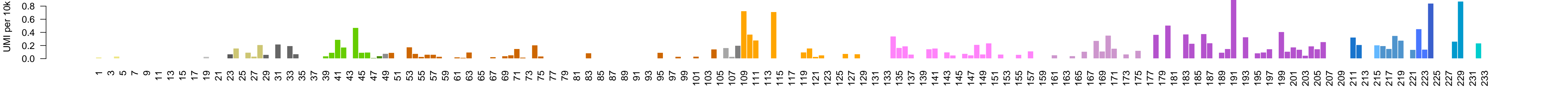
UMI per 10k



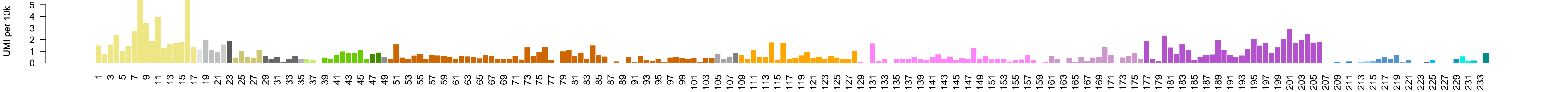
cytochrome_P450_family_4_subfamily_F_member_3 | p450/
HoiH23_PIH23_002169



retinol_dehydrogenase_14 | adh_short/
HoiH23_PIH23_002208



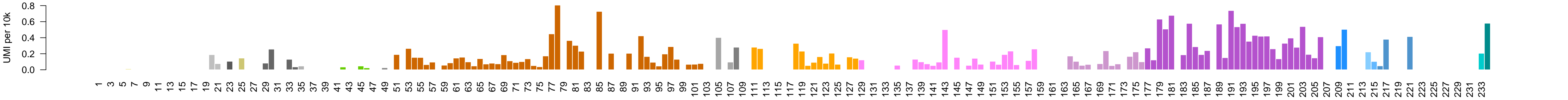
cytochrome_P450_family_3_subfamily_A_member_5 | p450/
HoiH23_PIH23_002219



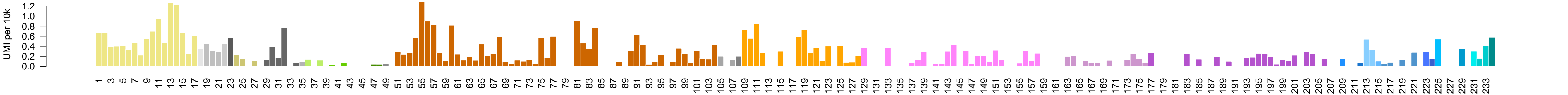
cytochrome_P450_family_3_subfamily_A_member_5 | p450/
HoiH23_PIH23_002220



cytochrome_P450_family_4_subfamily_F_member_3 | p450/
HoiH23_PIH23_002301



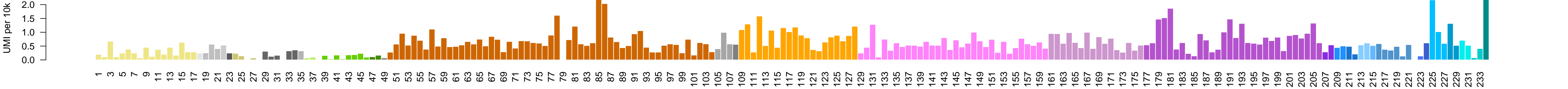
cytochrome_P450_family_24_subfamily_A_member_1 | p450/
HoiH23_PIH23_002390



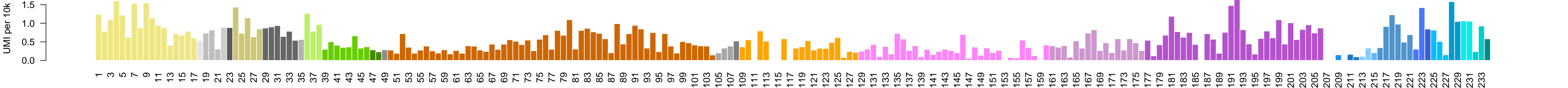
cytochrome_P450_family_24_subfamily_A_member_1 | p450/
HoiH23_PIH23_002391



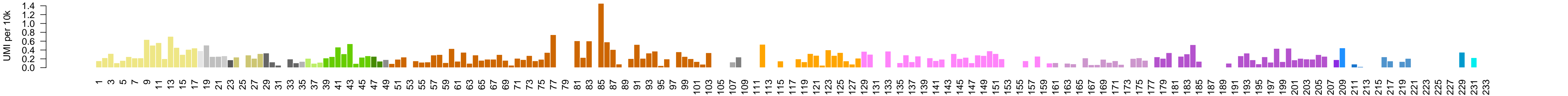
cytochrome_P450_family_24_subfamily_A_member_1 | p450/
HoiH23_PIH23_002392

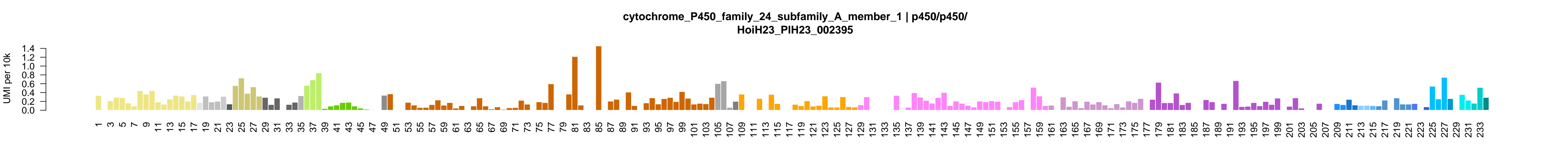


cytochrome_P450_family_11_subfamily_A_member_1 | p450/
HoiH23_PIH23_002393

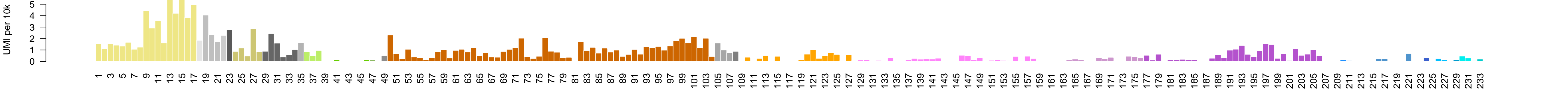


cytochrome_P450_family_24_subfamily_A_member_1 | p450/
HoiH23_PIH23_002394



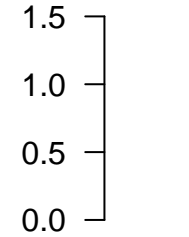


retinol_dehydrogenase_8 | adh_short/
HoiH23_PIH23_002408

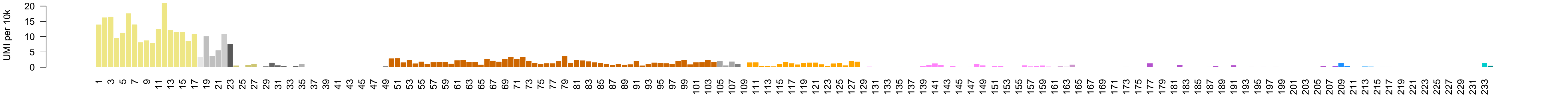


hydroxysteroid_17_beta_dehydrogenase_1 | adh_short/
HoiH23_PIH23_002409

UMI per 10k

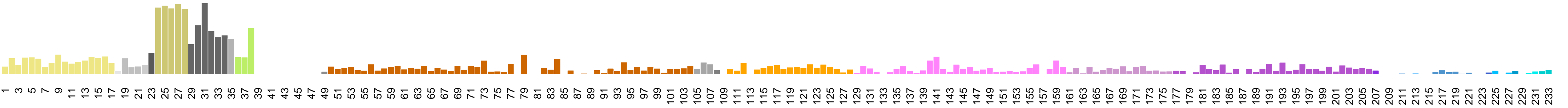
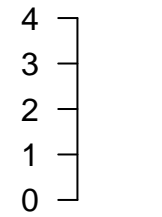


retinol_dehydrogenase_8 | adh_short/
HoiH23_PIH23_002418

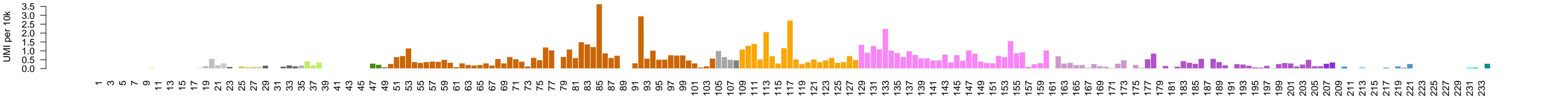


retinol_dehydrogenase_16 | adh_short/
HoiH23_PIH23_002736

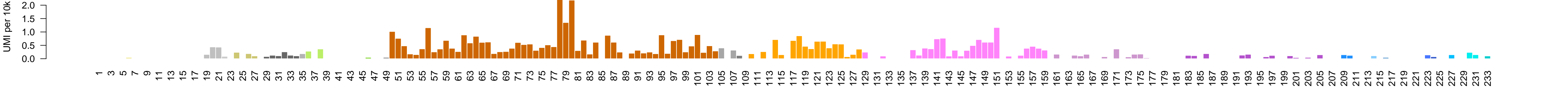
UMI per 10k



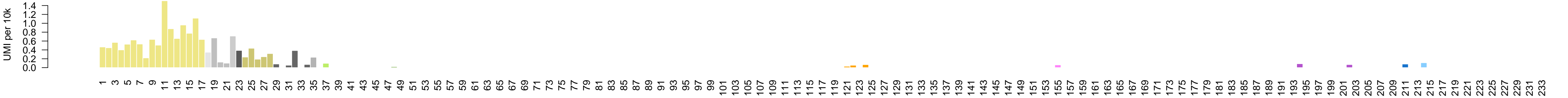
| FAD_binding_4/ALO/
HoiH23_PIH23_002758



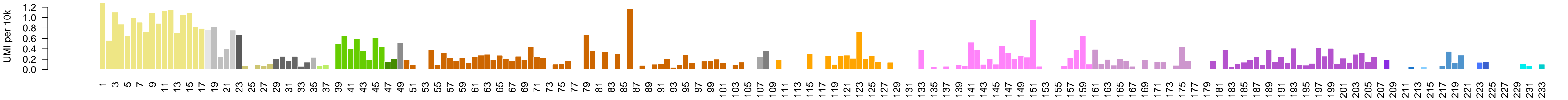
hydroxysteroid_17_beta_dehydrogenase_6 | adh_short/
HoiH23_PIH23_002919



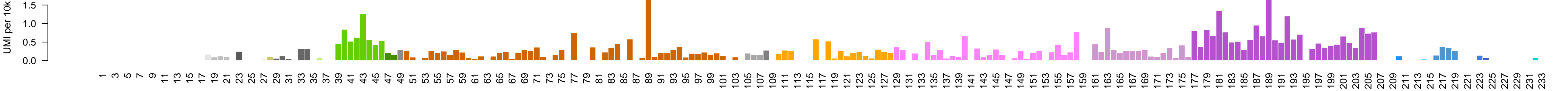
3_hydroxybutyrate_dehydrogenase_1 | adh_short/
HoiH23_PIH23_003007



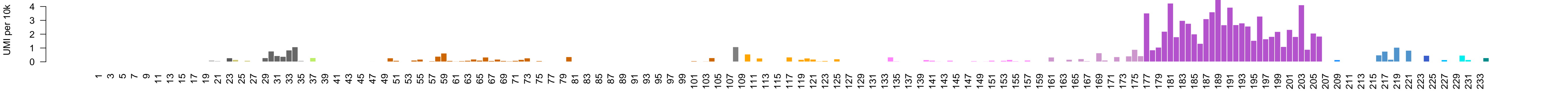
dehydrogenase_reductase_4 | adh_short/
HoiH23_PIH23_003576



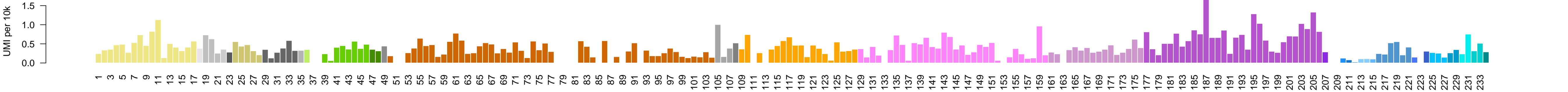
| p450/
HoiH23_PIH23_003598



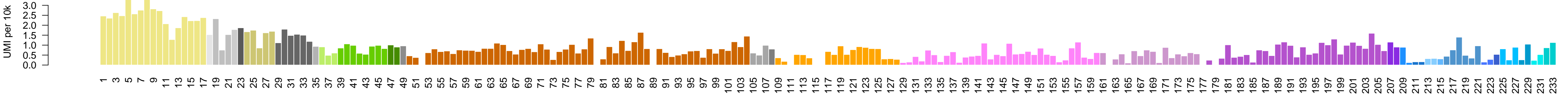
cytochrome_P450_family_7_subfamily_A_member_1 | p450/
HoiH23_PIH23_003599



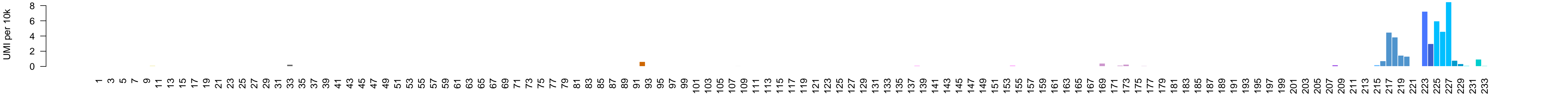
squalene_epoxidase | SE/
HoiH23_PIH23_003806



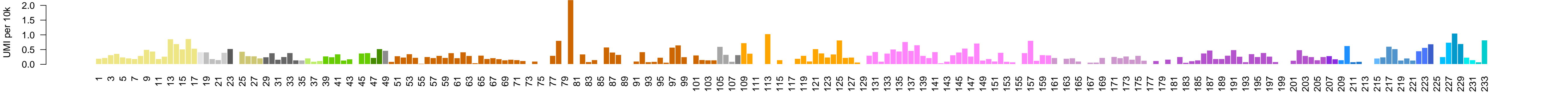
sigma_non_opioid_intracellular_receptor_1 | ERG2_Sigma1R/
HoiH23_PIH23_003810



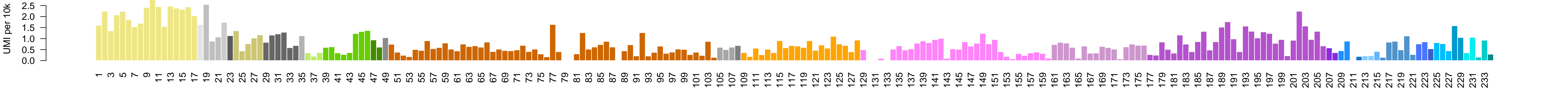
cytochrome_P450_family_51_subfamily_A_member_1 | p450/
HoiH23_PIH23_003872



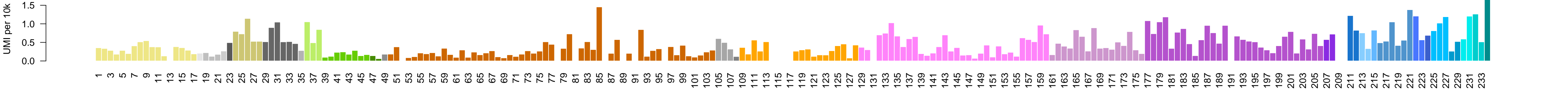
Ianosterol_synthase | SQHop_cyclase_N/SQHop_cyclase_C/
HoiH23_PIH23_003873



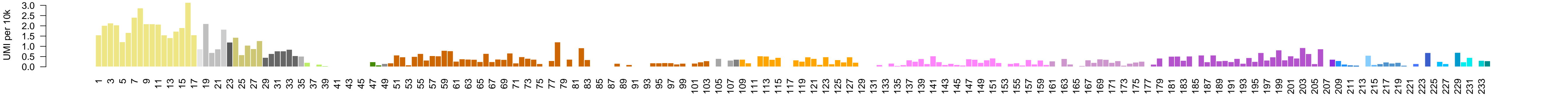
cytochrome_P450_family_51_subfamily_A_member_1 | p450/
HoiH23_PIH23_003874



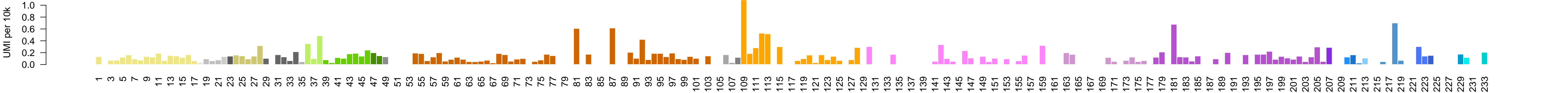
cytochrome_P450_family_24_subfamily_A_member_1 | p450/
HoiH23_PIH23_003905



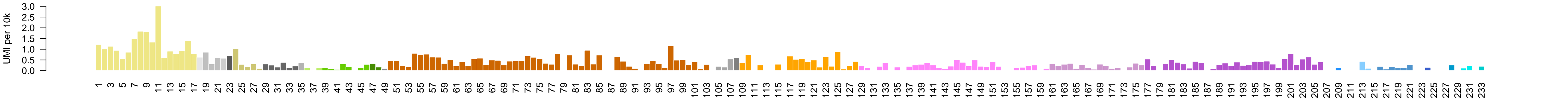
sterol_C5_desaturase | FA_hydroxylase/
HoiH23_PIH23_003968



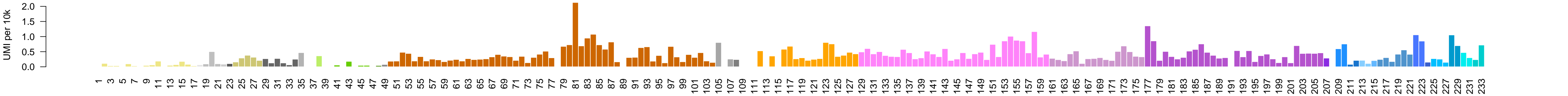
cytochrome_P450_family_3_subfamily_A_member_4 | p450/
HoiH23_PIH23_004049



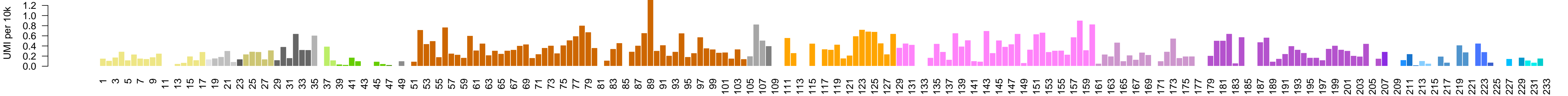
cytochrome_P450_family_11_subfamily_A_member_1 | p450/
HoiH23_PIH23_004053



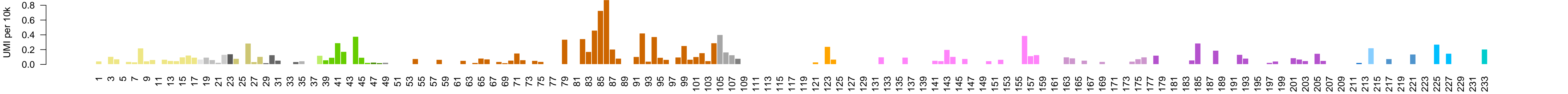
cytochrome_P450_family_24_subfamily_A_member_1 | p450/
HoiH23_PIH23_004055



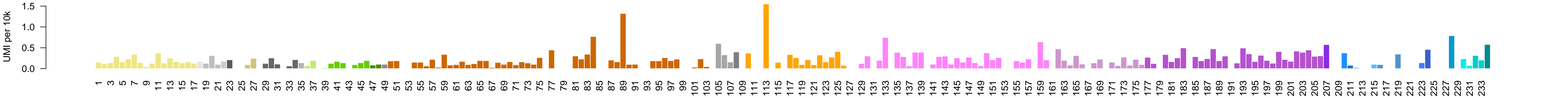
cytochrome_P450_family_24_subfamily_A_member_1 | p450/p450/
HoiH23_PIH23_004056



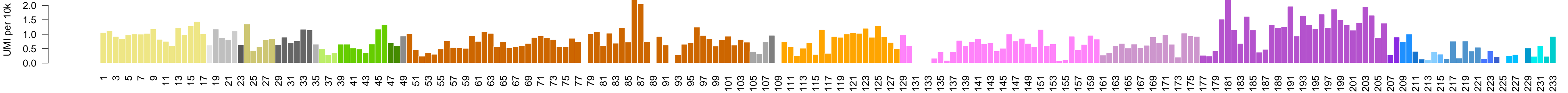
cytochrome_P450_family_11_subfamily_A_member_1 | p450/
HoiH23_PIH23_004059



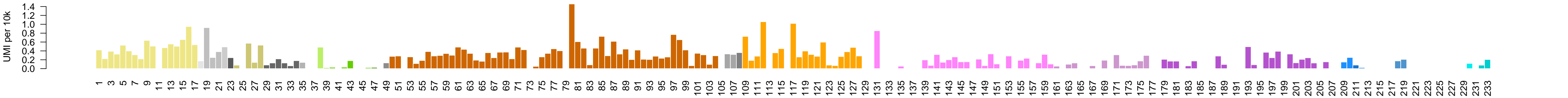
CYP3A7_CYP3A51P_readthrough | p450/
HoiH23_PIH23_004083



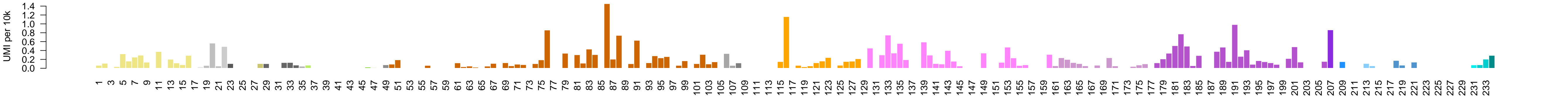
ergosterol_biosynthesis_28_homolog | Erg28/
HoiH23_PIH23_004465



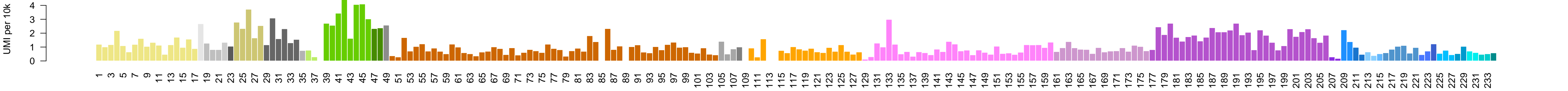
alkylglycerone_phosphate_synthase | FAD_binding_4/FAD-oxidase_C/
HoiH23_PIH23_004493



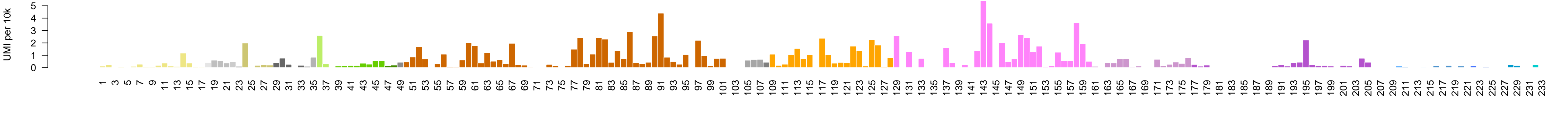
cytochrome_P450_family_3_subfamily_A_member_4 | p450/
HoiH23_PIH23_004556



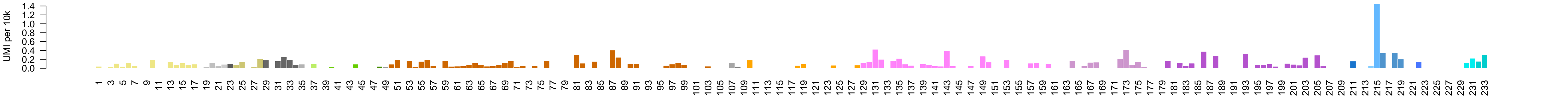
lamin_B_receptor | ERG4_ERG24/
HoiH23_PIH23_004609



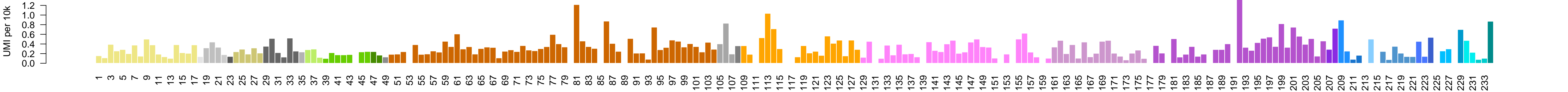
lamin_B_receptor | Tudor_3/ERG4_ERG24/
HoiH23_PIH23_004610



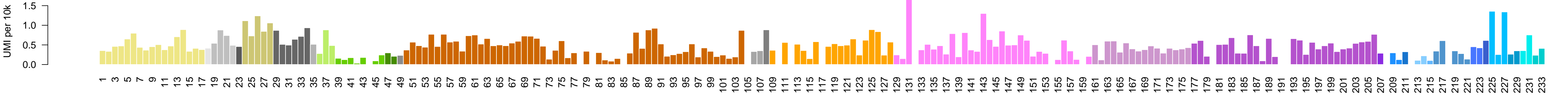
cytochrome_P450_family_26_subfamily_A_member_1 | p450/
HoiH23_PIH23_004907



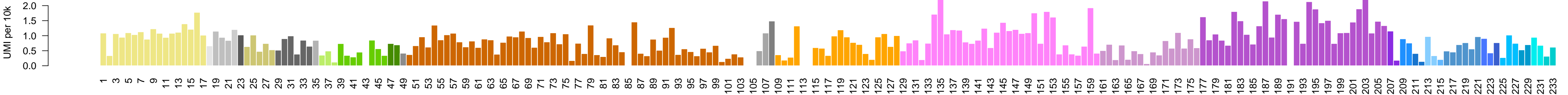
WW_domain_containing_oxidoreductase | WW/adh_short/
HoiH23_PIH23_004953



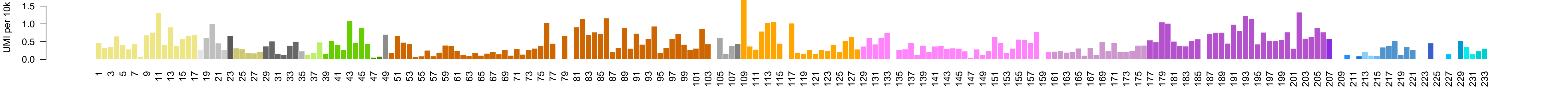
transmembrane_protein_97 | EBP/
HoiH23_PIH23_005168



fatty_acid_desaturase_2 | Cyt-b5/FA_desaturase/
HoiH23_PIH23_005427



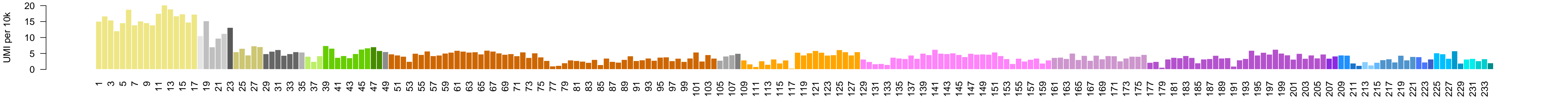
cytochrome_P450_family_4_subfamily_F_member_12 | p450/
HoiH23_PIH23_005617



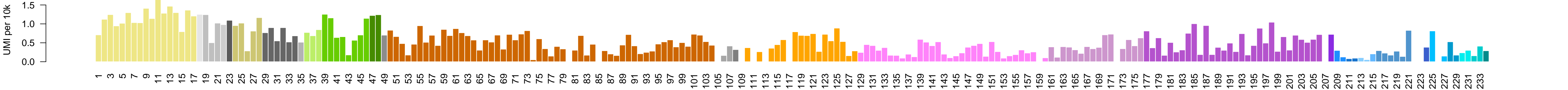
cytochrome_P450_family_3_subfamily_A_member_5 | p450/
HoiH23_PIH23_005636



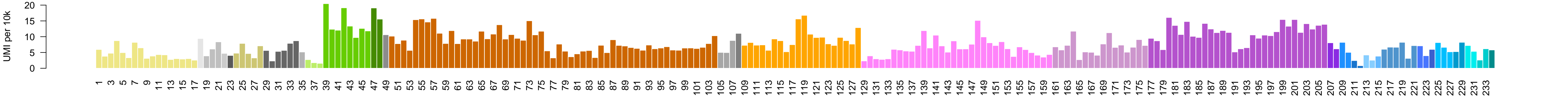
ubiquinol_cytochrome_c_reductase_Rieske_iron_sulfur_polypeptide_1 | UCR_TM/Rieske/
HoiH23_PIH23_005729



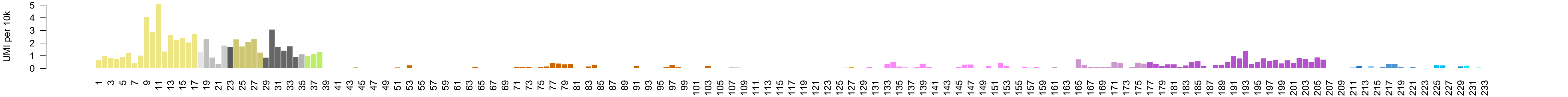
retinol_dehydrogenase_5 | adh_short/
HoiH23_PIH23_005814



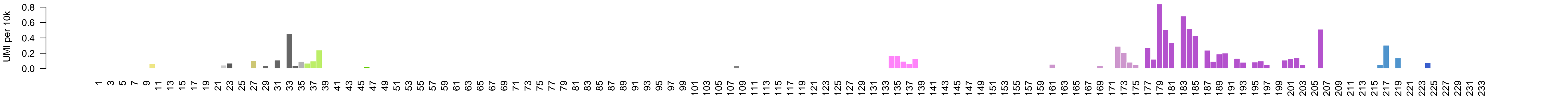
NPC_intracellular_cholesterol_transporter_2 | E1_DerP2_DerF2/
HoiH23_PIH23_006181



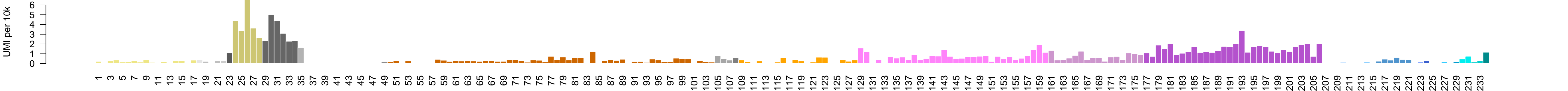
cytochrome_P450_family_4_subfamily_X_member_1 | p450/
HoiH23_PIH23_006448



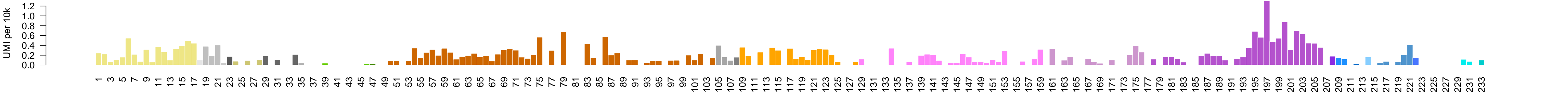
cytochrome_P450_family_4_subfamily_X_member_1 | p450/p450/
HoiH23_PIH23_006449



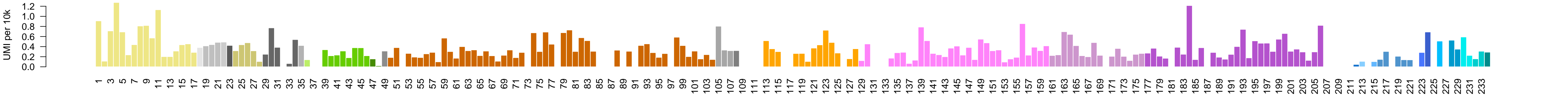
cytochrome_P450_family_4_subfamily_F_member_12 | p450/
HoiH23_PIH23_006450



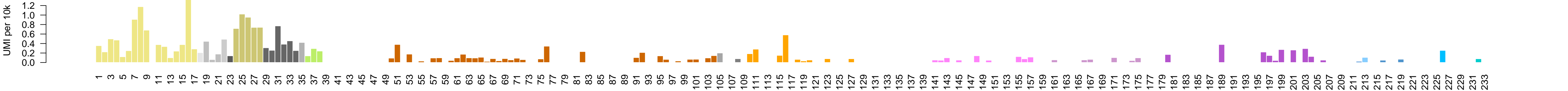
cytochrome_P450_family_3_subfamily_A_member_5 | p450/
HoiH23_PIH23_006764



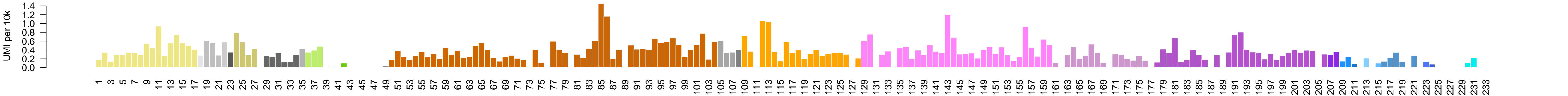
cytochrome_P450_family_24_subfamily_A_member_1 | p450/
HoiH23_PIH23_007061



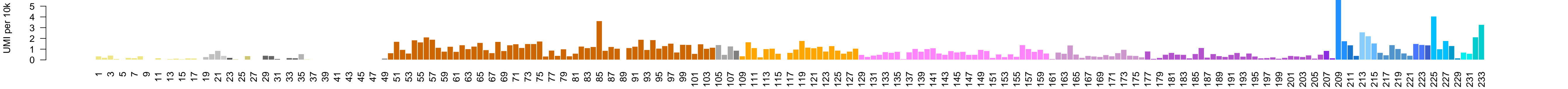
cytochrome_P450_family_24_subfamily_A_member_1 | p450/
HoiH23_PIH23_007065



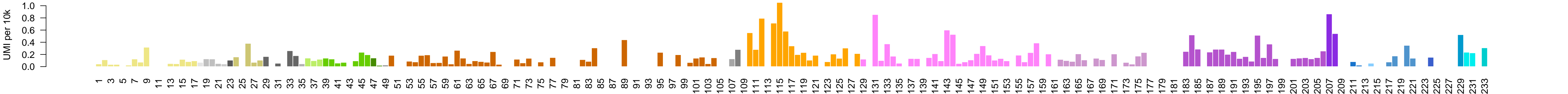
cytochrome_P450_family_24_subfamily_A_member_1 | p450/
HoiH23_PIH23_007066



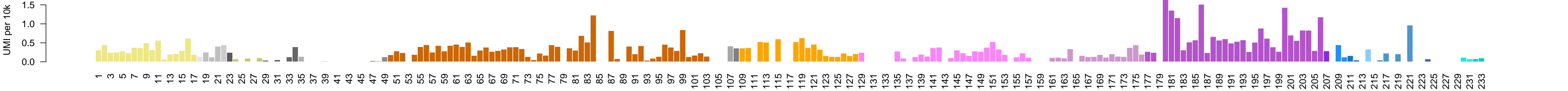
cytochrome_P450_family_24_subfamily_A_member_1 | p450/
HoiH23_PIH23_007067



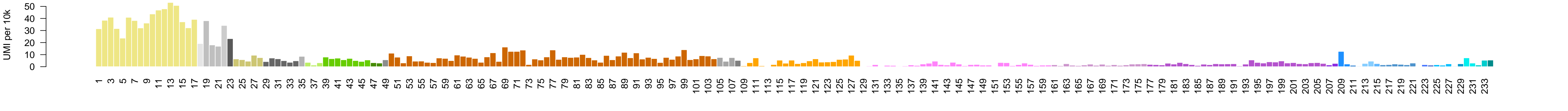
cytochrome_P450_family_4_subfamily_F_member_11 | p450/
HoiH23_PIH23_007159



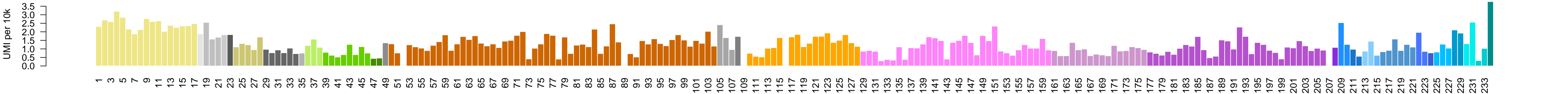
cytochrome_P450_family_4_subfamily_F_member_8 | p450/
HoiH23_PIH23_007162



retinol_dehydrogenase_8 | adh_short/
HoiH23_PIH23_007336



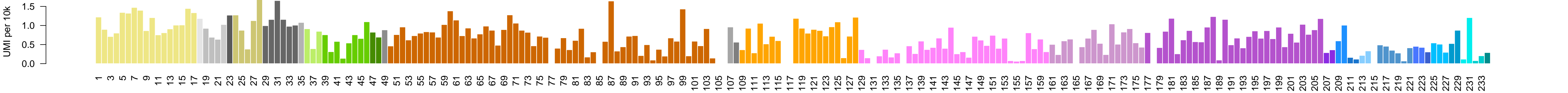
short_chain_dehydrogenase_reductase_family_16C_member_5 | adh_short/
HoiH23_PIH23_007447



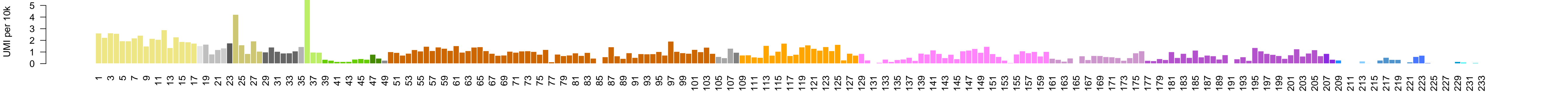
short_chain_dehydrogenase_reductase_family_9C_member_7 | adh_short/
HoiH23_PIH23_007625



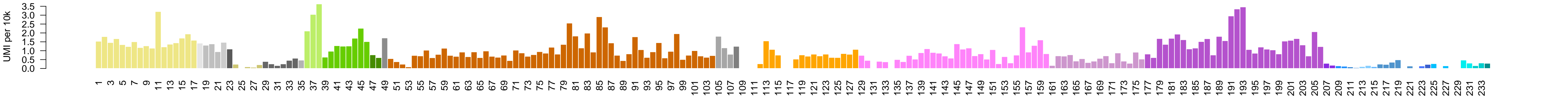
EBP_cholestenol_delta_isomerase | EBP/
HoiH23_PIH23_007926



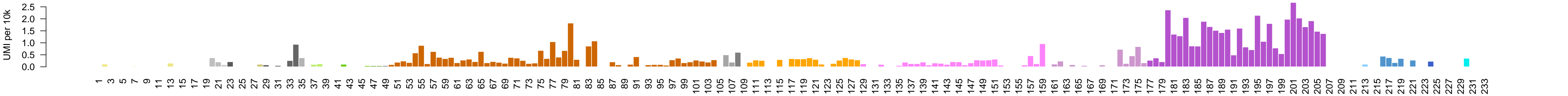
EBP_like | EBP/
HoiH23_PIH23_007929



cytochrome_P450_family_3_subfamily_A_member_5 | p450/
HoiH23_PIH23_008229

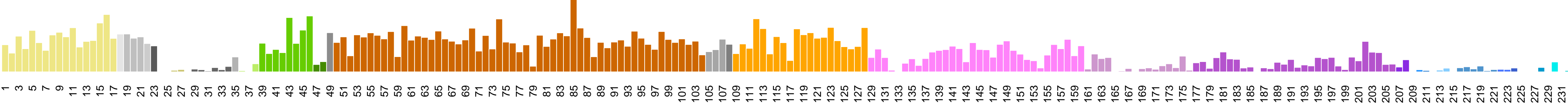
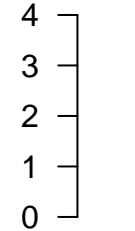


cytochrome_P450_family_3_subfamily_A_member_4 | p450/
HoiH23_PIH23_008236

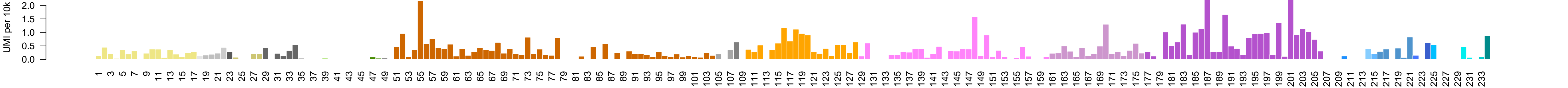


cytochrome_P450_family_3_subfamily_A_member_4 | p450/
HoiH23_PIH23_008238

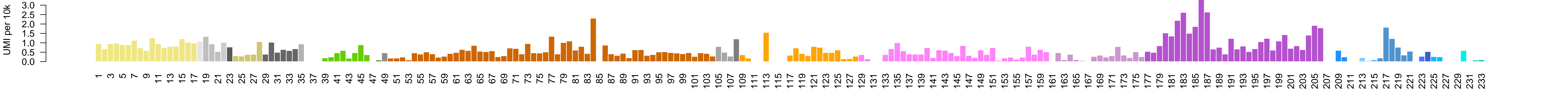
UMI per 10k



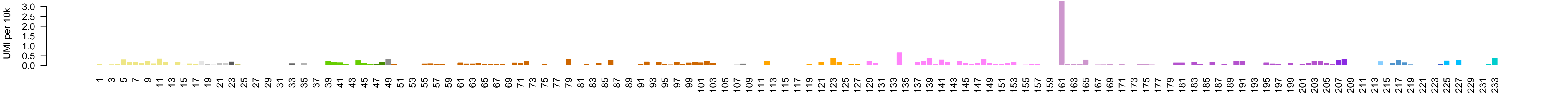
cytochrome_P450_family_3_subfamily_A_member_5 | p450/
HoiH23_PIH23_008242



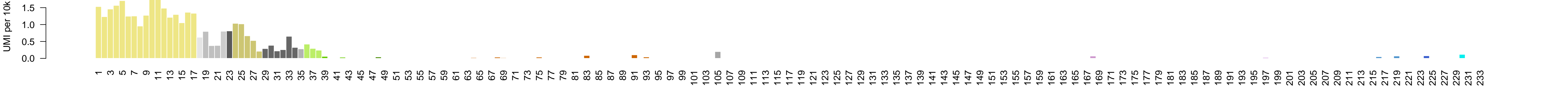
cytochrome_P450_family_3_subfamily_A_member_4 | p450/
HoiH23_PIH23_008248



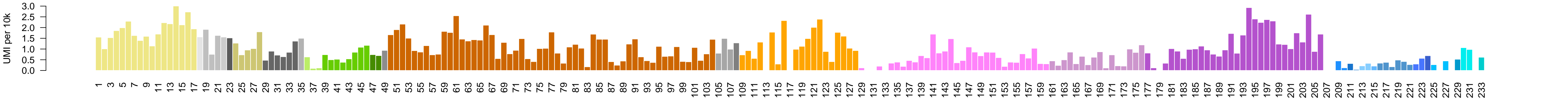
retinol_dehydrogenase_13 | adh_short/
HoiH23_PIH23_008266



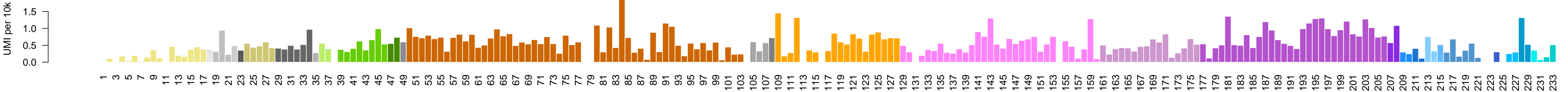
hydroxysteroid_17_beta_dehydrogenase_12 | adh_short/
HoiH23_PIH23_008407



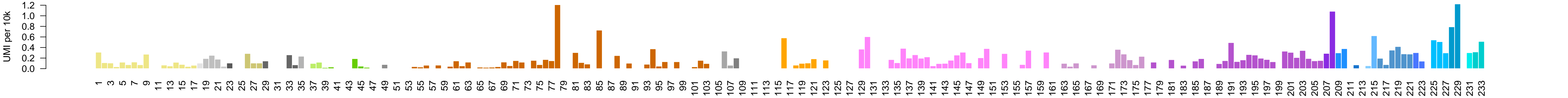
hydroxysteroid_17_beta_dehydrogenase_12 | adh_short/
HoiH23_PIH23_008408



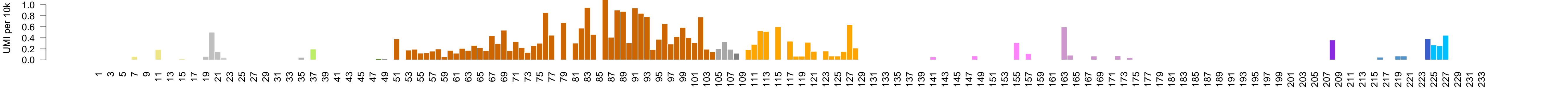
fatty_acid_desaturase_1 | Cyt-b5/FA_desaturase/
HoiH23_PIH23_008616



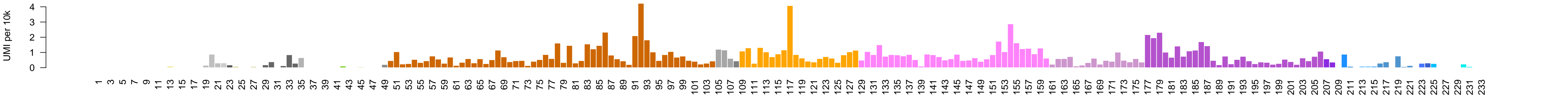
cytochrome_P450_family_4_subfamily_F_member_2 | p450/
HoiH23_PIH23_008649



cytochrome_P450_family_7_subfamily_B_member_1 | p450/
HoiH23_PIH23_008660



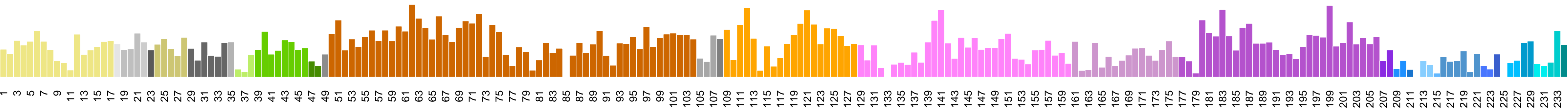
cytochrome_P450_family_7_subfamily_A_member_1 | p450/
HoiH23_PIH23_008661



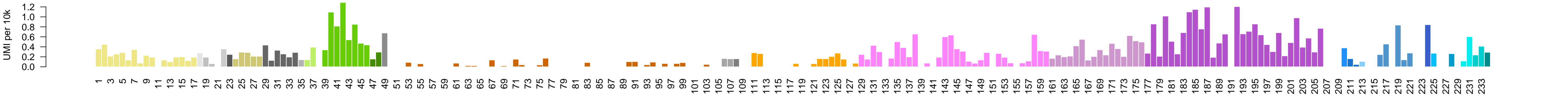
retinol_dehydrogenase_5 | adh_short/adh_short/adh_short/
HoiH23_PIH23_008681

UMI per 10k

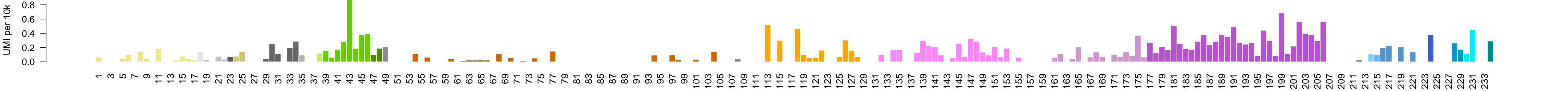
3
2
1
0



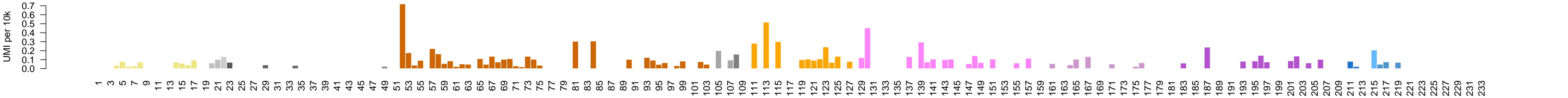
cytochrome_P450_family_4_subfamily_F_member_3 | p450/
HoiH23_PIH23_008971



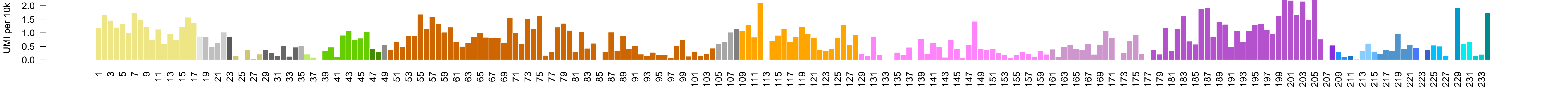
cytochrome_P450_family_4_subfamily_F_member_12 | p450/
HoiH23_PIH23_008972



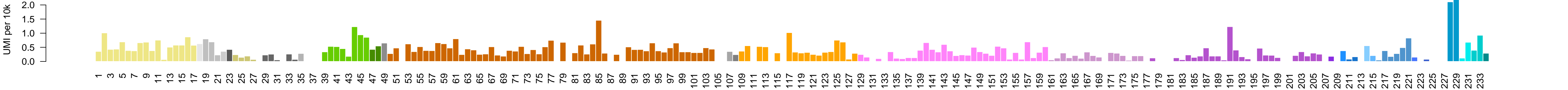
cytochrome_P450_family_4_subfamily_A_member_11 | p450/p450/
HoiH23_PIH23_008973



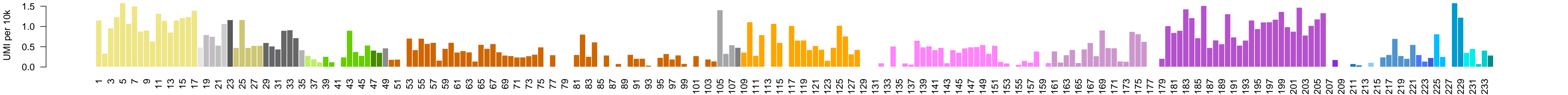
cytochrome_P450_family_4_subfamily_X_member_1 | p450/p450/
HoiH23_PIH23_008974



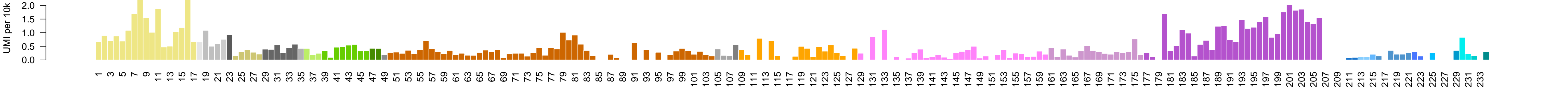
cytochrome_P450_family_4_subfamily_F_member_12 | p450/p450/
HoiH23_PIH23_008975



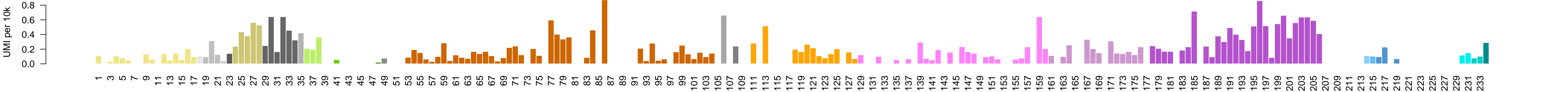
NAD_P_dependent_steroid_dehydrogenase_like | 3Beta_HSD/
HoiH23_PIH23_009512



cytochrome_P450_family_3_subfamily_A_member_4 | p450/
HoiH23_PIH23_009521



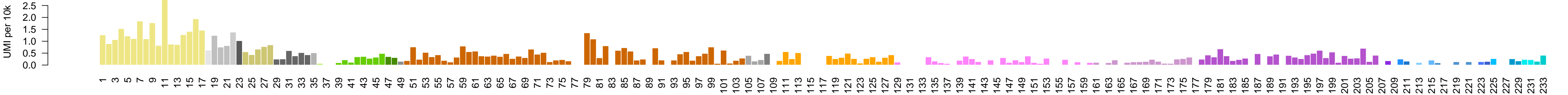
cytochrome_P450_family_3_subfamily_A_member_5 | p450/
HoiH23_PIH23_009524



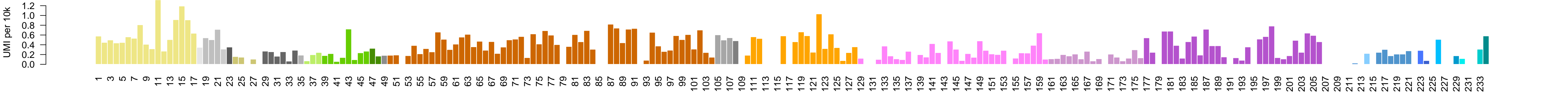
cytochrome_P450_family_3_subfamily_A_member_5 | p450/
HoiH23_PIH23_009526



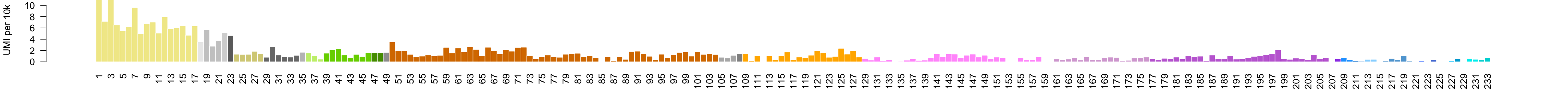
24_dehydrocholesterol_reductase | FAD_binding_4/
HoiH23_PIH23_009675



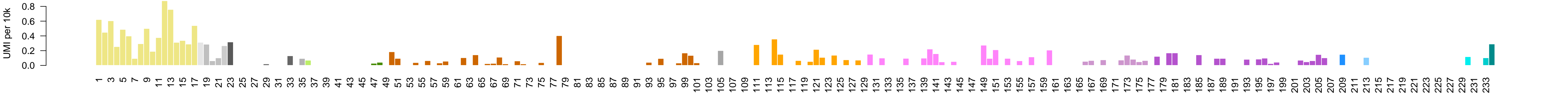
retinol_dehydrogenase_13 | adh_short/adh_short/
HoiH23_PIH23_009793



hydroxysteroid_17_beta_dehydrogenase_10 | adh_short/
HoiH23_PIH23_010028



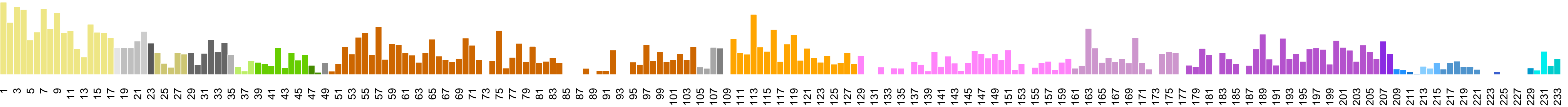
cytochrome_P450_family_24_subfamily_A_member_1 | p450/
HoiH23_PIH23_010146



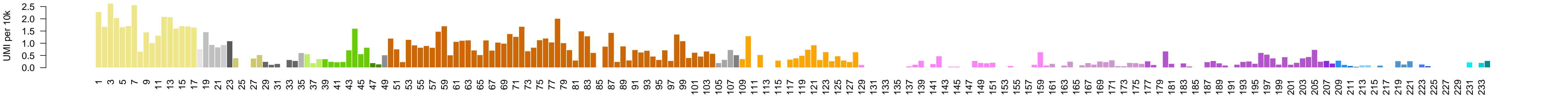
retinol_dehydrogenase_13 | adh_short/
HoiH23_PIH23_010210

UMI per 10k

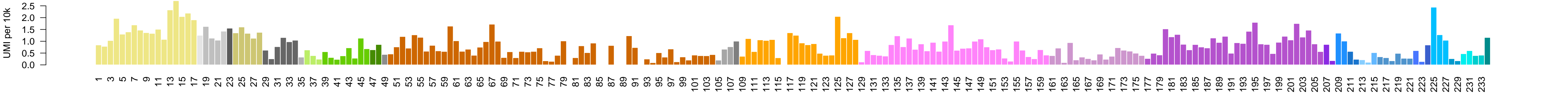
1.5
1.0
0.5
0.0



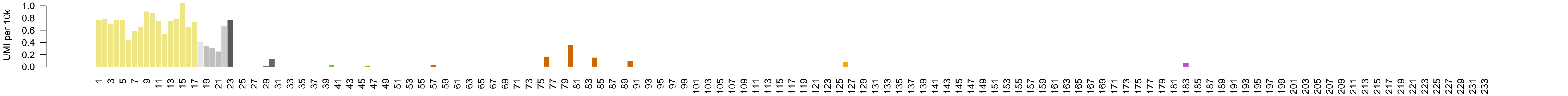
retinol_dehydrogenase_14 | adh_short/
HoiH23_PIH23_010211



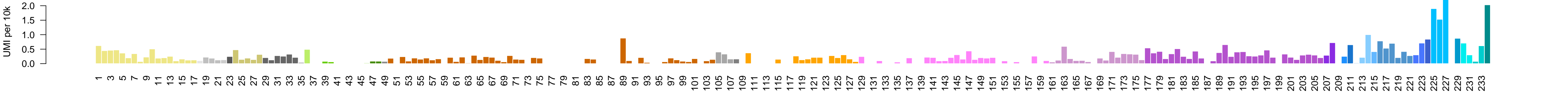
delta_4_desaturase_sphingolipid_1 | Lipid_DES/FA_desaturase/
HoiH23_PIH23_010239



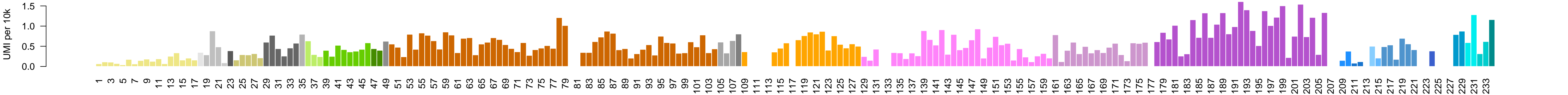
cytochrome_P450_family_4_subfamily_F_member_2 | p450/
HoiH23_PIH23_010455



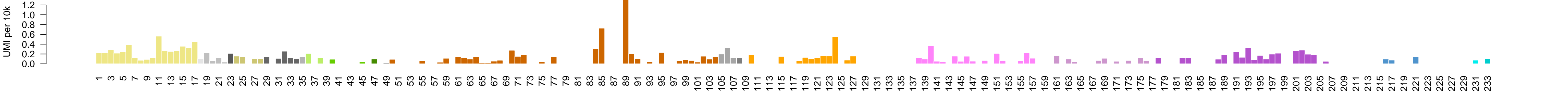
dehydrogenase_reductase_9 | adh_short/
HoiH23_PIH23_010800



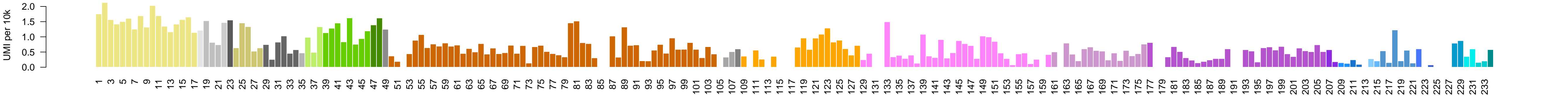
retinol_dehydrogenase_12 | adh_short/
HoiH23_PIH23_010828



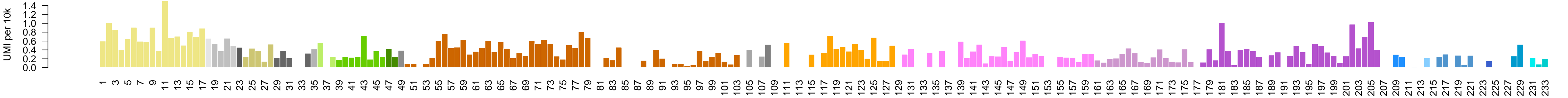
hydroxysteroid_17_beta_dehydrogenase_2 | adh_short/
HoiH23_PIH23_010984



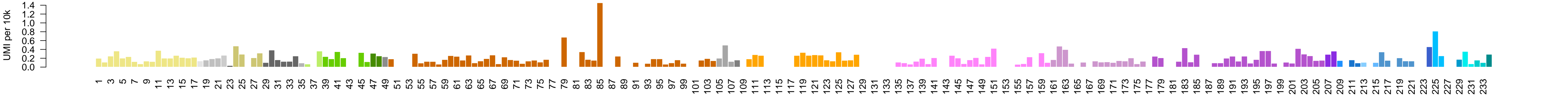
retinol_dehydrogenase_11 | adh_short/
HoiH23_PIH23_011179



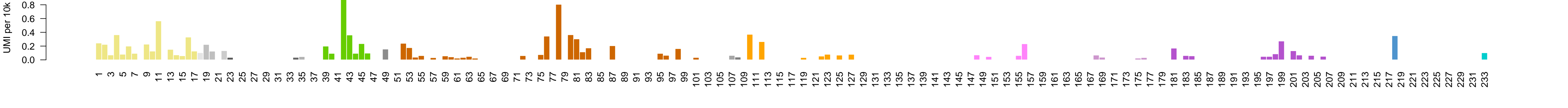
retinol_dehydrogenase_13 | adh_short/
HoiH23_PIH23_011181



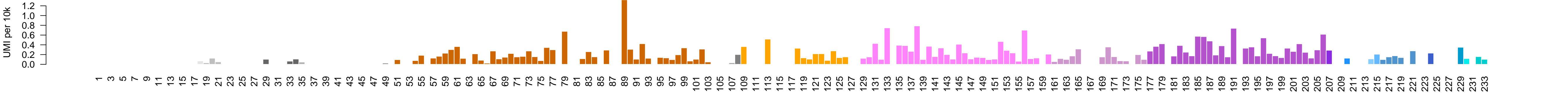
cytochrome_P450_family_3_subfamily_A_member_4 | p450/
HoiH23_PIH23_011195



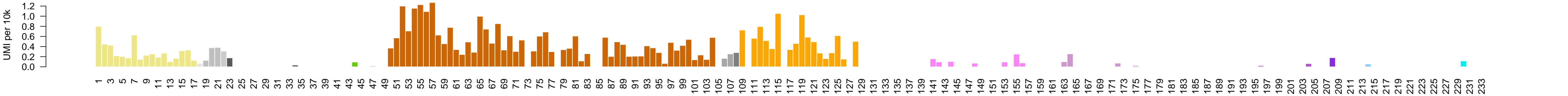
cytochrome_P450_family_3_subfamily_A_member_4 | p450/
HoiH23_PIH23_011196



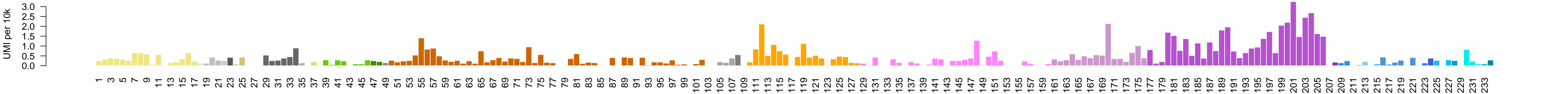
cytochrome_P450_family_3_subfamily_A_member_5 | p450/
HoiH23_PIH23_011217



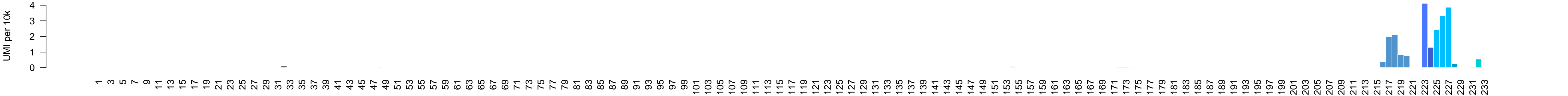
cytochrome_P450_family_1_subfamily_A_member_1 | p450/
HoiH23_PIH23_011246



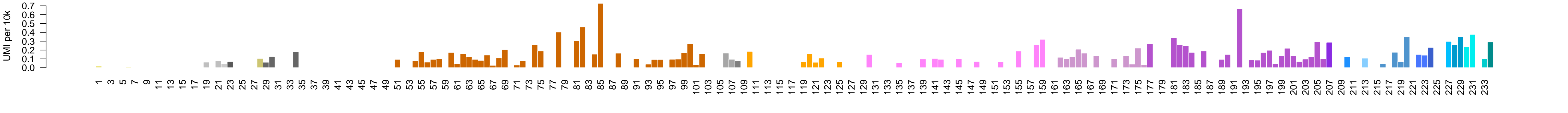
cytochrome_P450_family_4_subfamily_F_member_12 | p450/
HoiH23_PIH23_011475



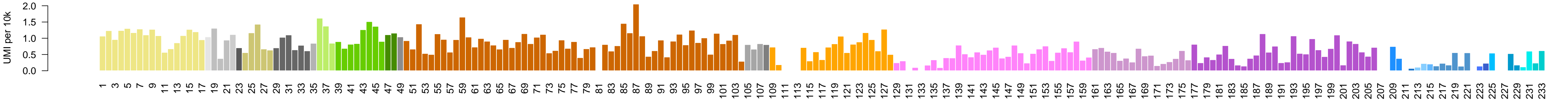
cytochrome_P450_family_51_subfamily_A_member_1 | p450/
HoiH23_PIH23_011477



cytochrome_P450_family_3_subfamily_A_member_4 | p450/
HoiH23_PIH23_011589

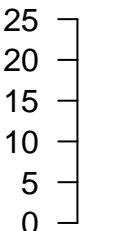


dehydrogenase_reductase_9 | adh_short/adh_short/
HoiH23_PIH23_011668



retinol_dehydrogenase_8 | adh_short/
HoiH23_PIH23_011922

UMI per 10k



1 3 5 7 9 11 13 15 17 19 21 23 25 27 29 31 33 35 37 39 41 43 45 47 49 51 53 55 57 59 61 63 65 67 69 71 73 75 77 79 81 83 85 87 89 91 93 95 97 99 101 103 105 107 109 111 113 115 117 119 121 123 125 127 129 131 133 135 137 139 141 143 145 147 149 151 153 155 157 159 161 163 165 167 169 171 173 175 177 179 181 183 185 187 189 191 193 195 197 199 201 203 205 207 209 211 213 215 217 219 221 223 225 227 229 231 233

