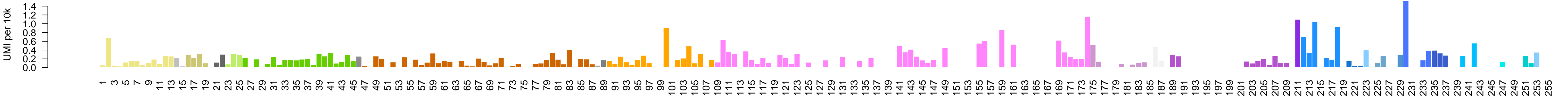
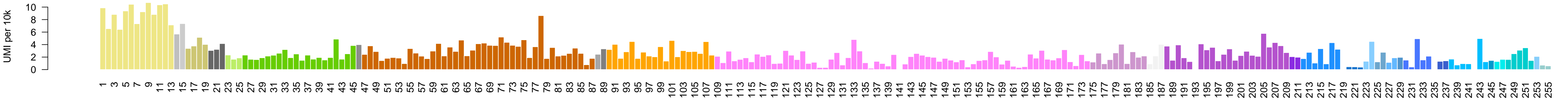


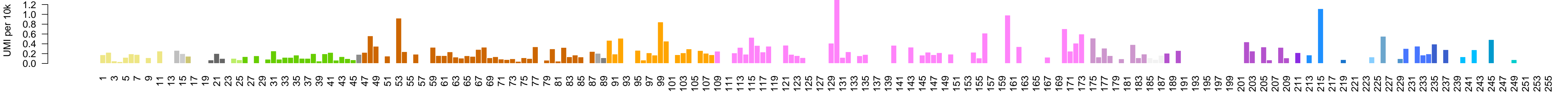
short_chain_dehydrogenase_reductase_family_42E_member_1 | 3Beta_HSD/
Hhon_g00345.t1



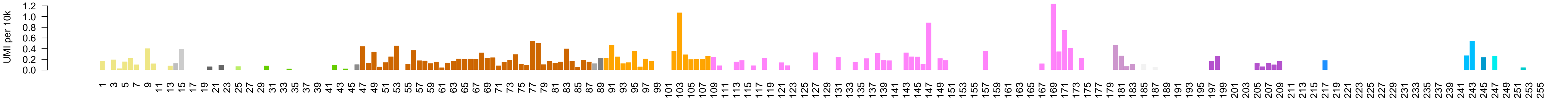
methylsterol_monooxygenase_1 | FA_hydroxylase/
Hhon_g00404.t1



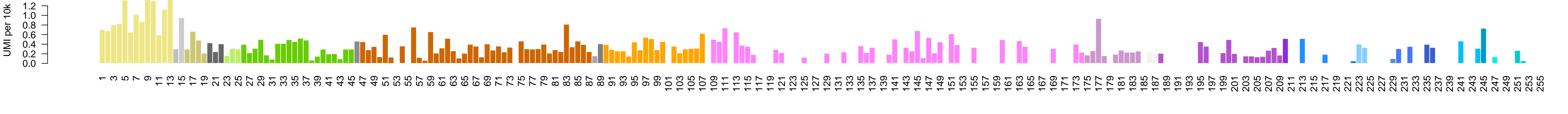
cytochrome_P450_family_3_subfamily_A_member_5 | p450/
Hhon_g00594.t1



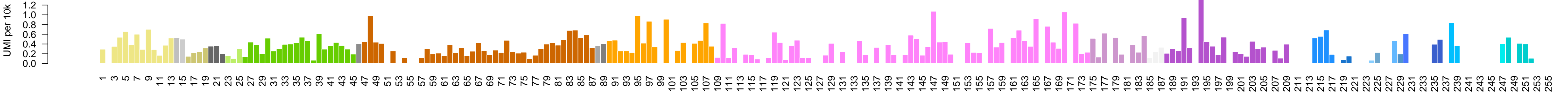
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Hhon_g00595.t1



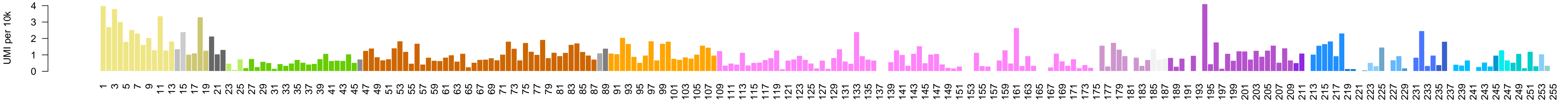
hydroxysteroid_17_beta_dehydrogenase_1 | adh_short/
Hhon_g00620.t1



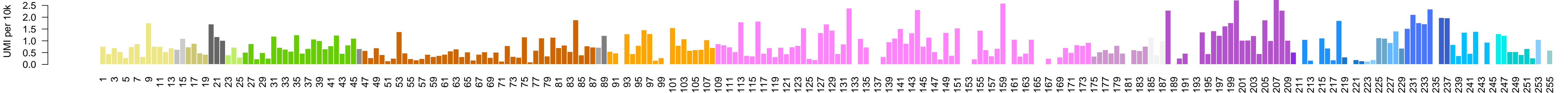
retinol_dehydrogenase_8 | adh_short/
Hhon_g00622.t1



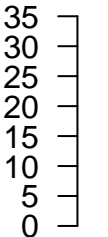
delta_4_desaturase_sphingolipid_1 | Lipid_DES/FA_desaturase/
Hhon_g00739.t1



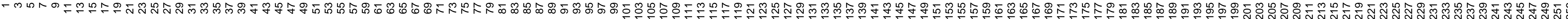
retinol_dehydrogenase_13 | adh_short/
Hhon_g00797.t1



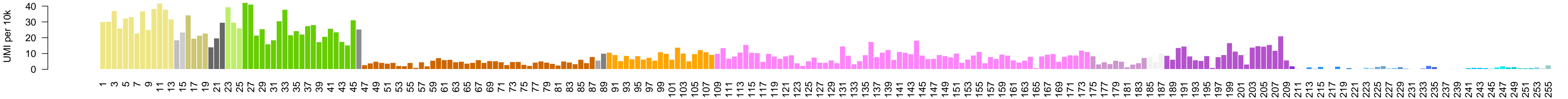
UMI per 10k



| E1_DerP2_DerF2/
Hhon_g00930.t1



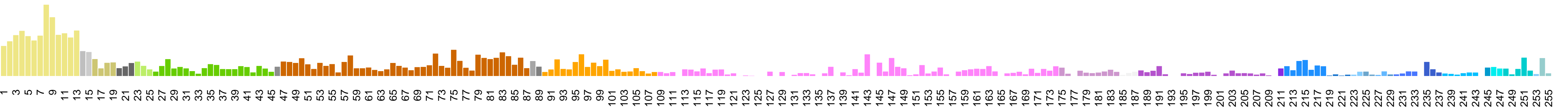
15_hydroxyprostaglandin_dehydrogenase | adh_short/
Hhon_g00938.t1



15_hydroxyprostaglandin_dehydrogenase | adh_short/
Hhon_g00944.t1

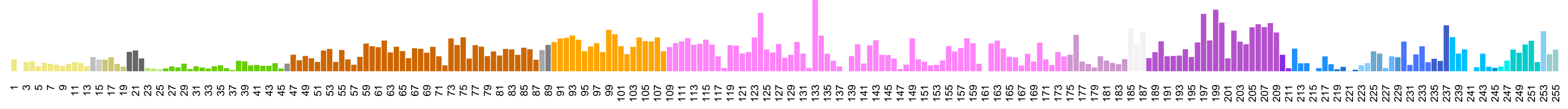
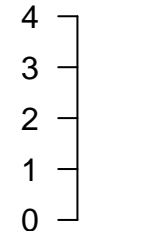
UMI per 10k

8
6
4
2
0

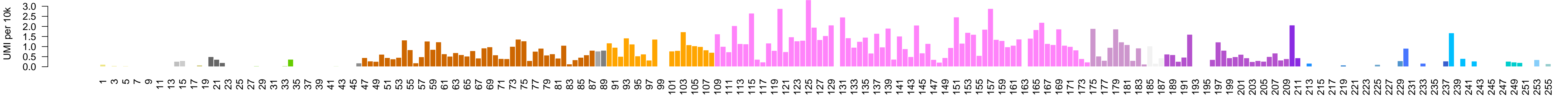


fatty_acid_2_hydroxylase | Cyt-b5/FA_hydroxylase/
Hhon_g01001.t1

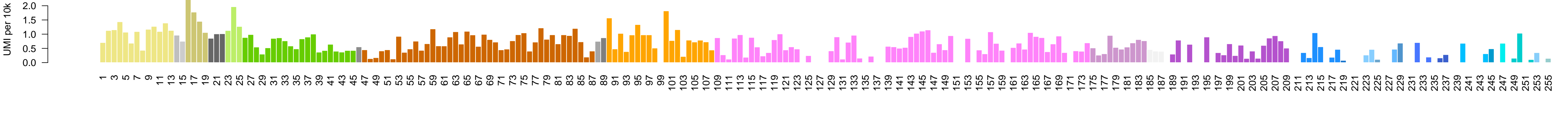
UMI per 10k



| FAD_binding_4/ALO/
Hhon_g01033.t1

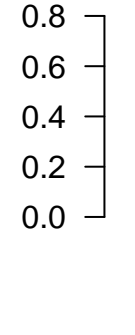


sepiapterin_reductase | adh_short/
Hhon_g01067.t1



retinol_dehydrogenase_13 | adh_short/
Hhon_g01140.t1

UMI per 10k



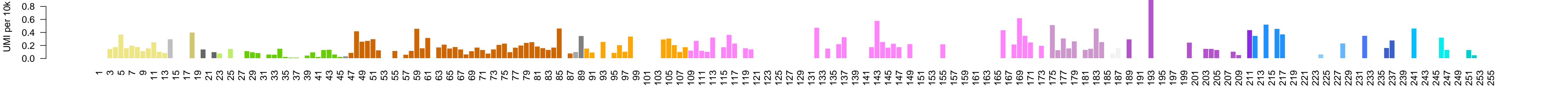
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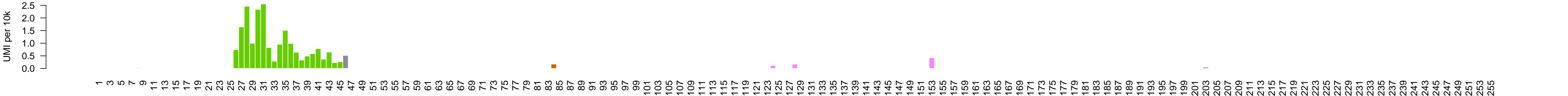
retinol_dehydrogenase_13 | adh_short/
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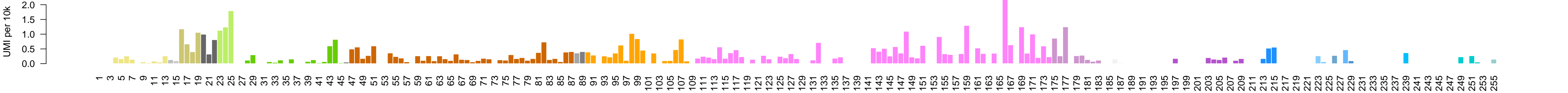
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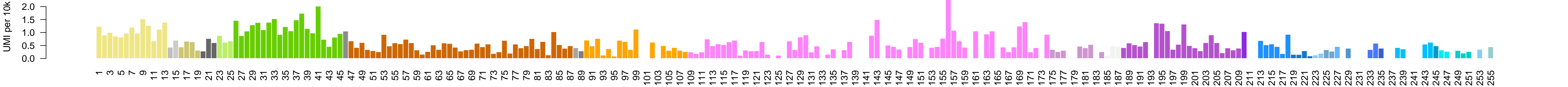
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Hhon_g01295.t1



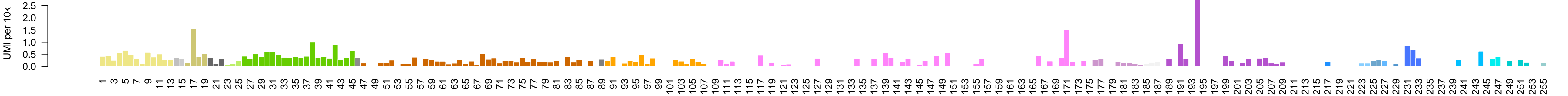
hydroxysteroid_17_beta_dehydrogenase_6 | adh_short/
Hhon_g01433.t1



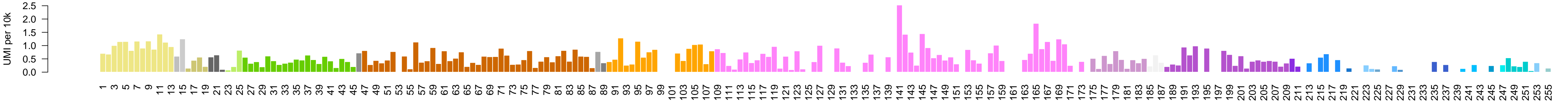
alkylglycerol_monooxygenase | FA_hydroxylase/
Hhon_g01655.t1



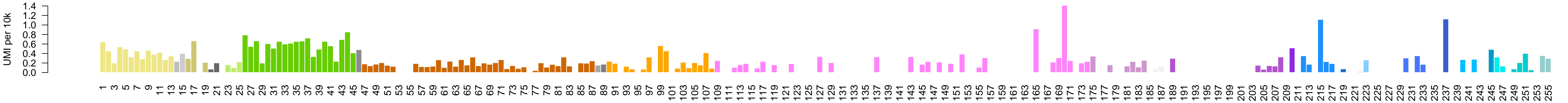
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Hhon_g01656.t1



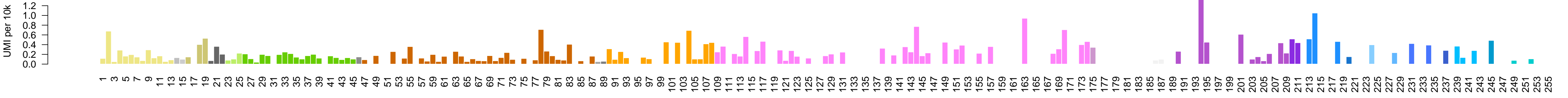
lactate_dehydrogenase_D | FAD_binding_4/FAD-oxidase_C/
Hhon_g01711.t1



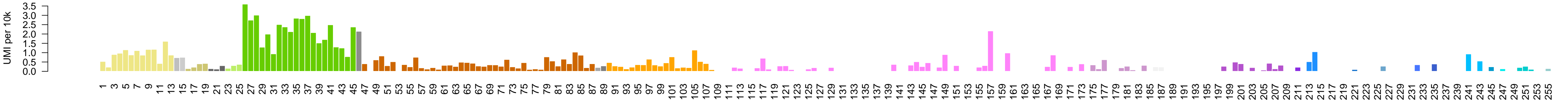
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Hhon_g01894.t1



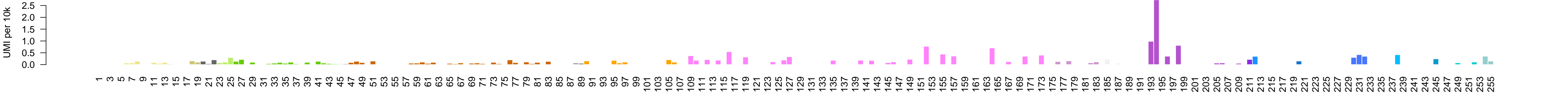
Rieske_Fe_S_domain_containing | Rieske/
Hhon_g01915.t1



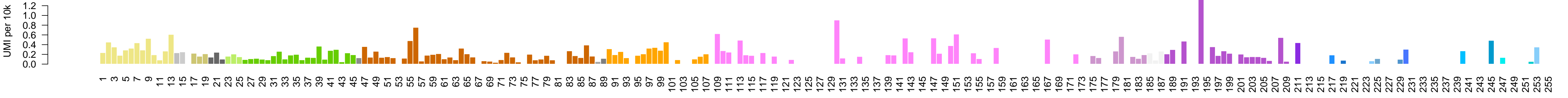
hydroxysteroid_dehydrogenase_like_2 | adh_short/
Hhon_g02333.t1



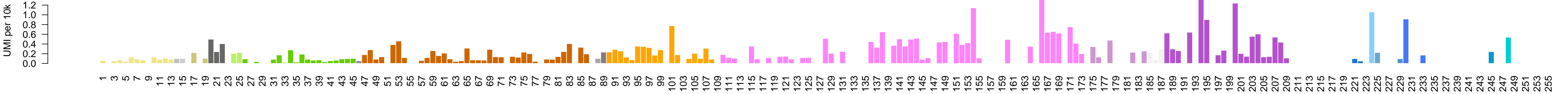
cytochrome_P450_family_3_subfamily_A_member_4 | p450/
Hhon_g02410.t1



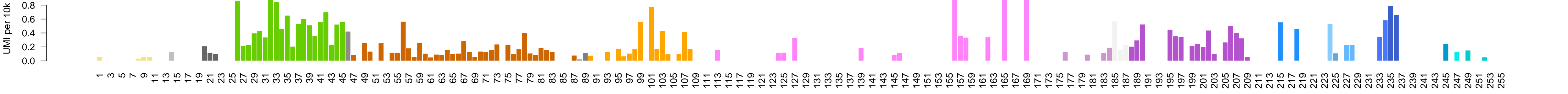
CYP3A7_CYP3A51P_readthrough | p450/
Hhon_g02411.t1



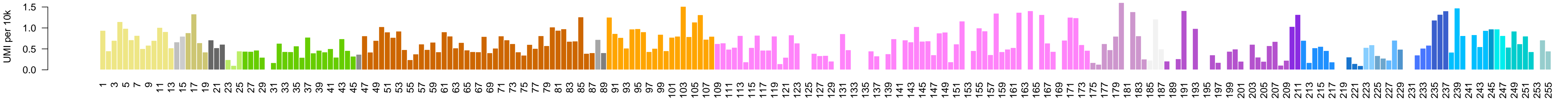
retinol_dehydrogenase_14 | adh_short/
Hhon_g02422.t1



dehydrogenase_reductase_1 | adh_short/
Hhon_g02486.t1

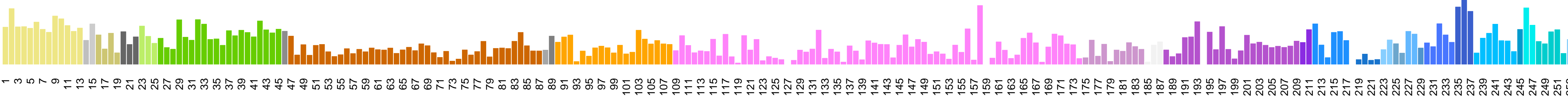
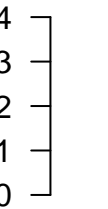


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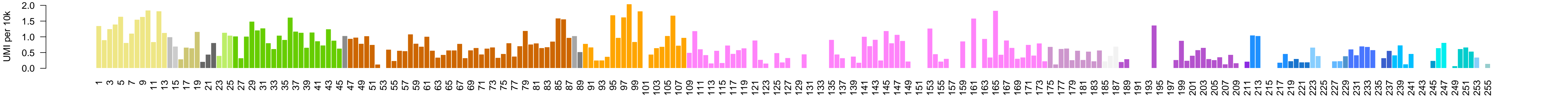


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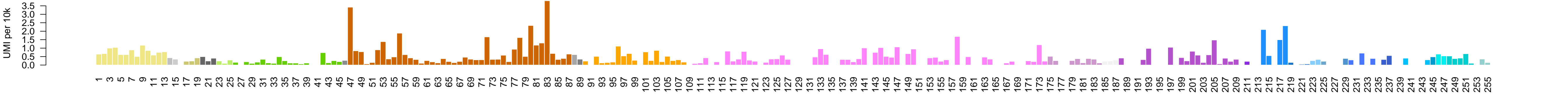
UMI per 10k



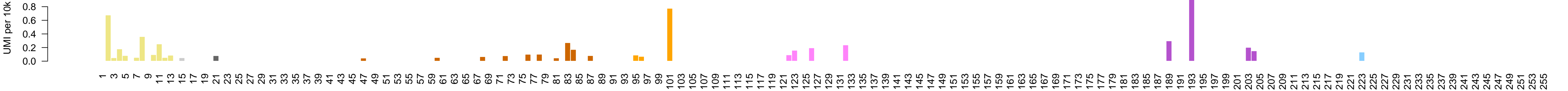
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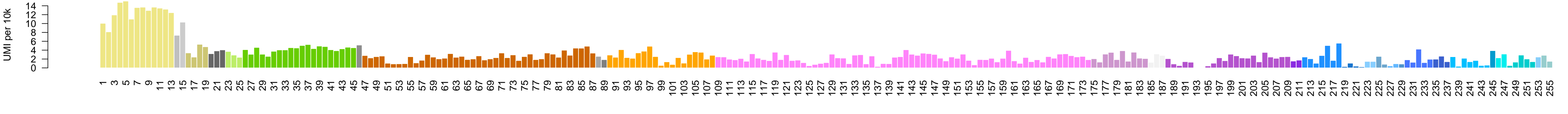
cytochrome_P450_family_3_subfamily_A_member_4 | p450/
Hhon_g02515.t1



cytochrome_P450_family_3_subfamily_A_member_5 | p450/
Hhon_g02516.t1



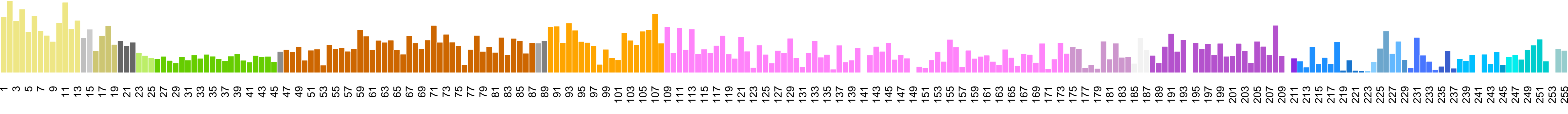
ubiquinol_cytochrome_c_reductase_Rieske_iron_sulfur_polypeptide_1 | UCR_TM/Rieske/
Hhon_g02526.t1



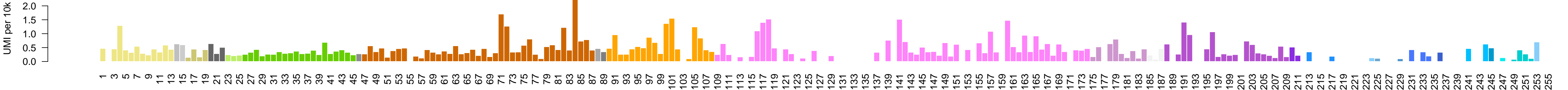
fatty_acid_desaturase_3 | Cyt-b5/FA_desaturase/
Hhon_g02619.t1

UMI per 10k

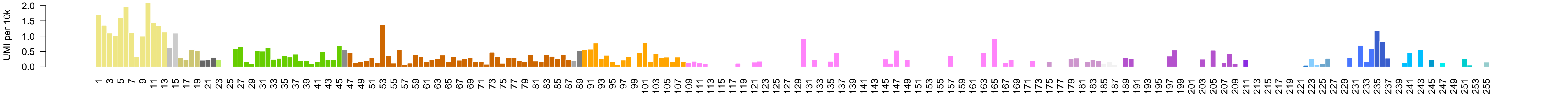
4
3
2
1
0



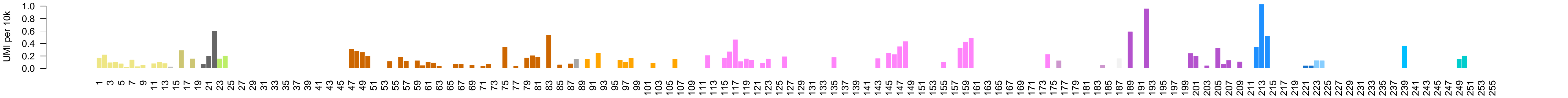
NAD_P_dependent_steroid_dehydrogenase_like | 3Beta_HSD/
Hhon_g02919.t1



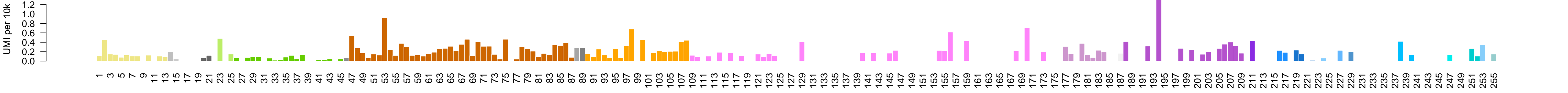
cytochrome_P450_family_3_subfamily_A_member_5 | p450/
Hhon_g02981.t1



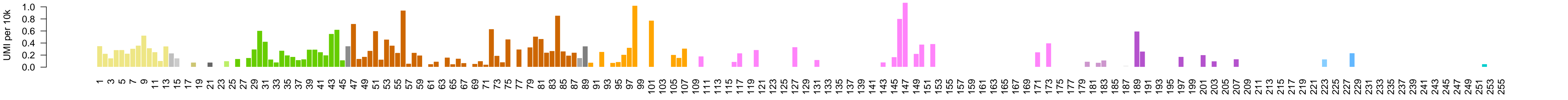
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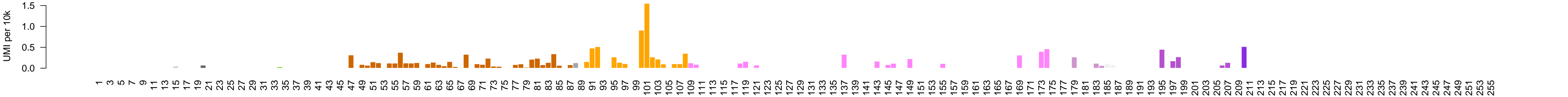
CYP3A7_CYP3A51P_readthrough | p450/
Hhon_g03006.t1



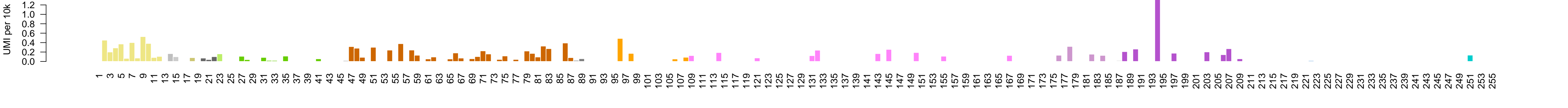
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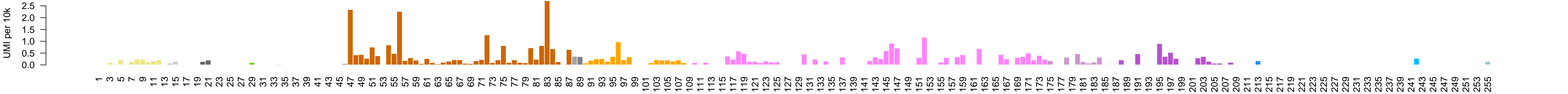
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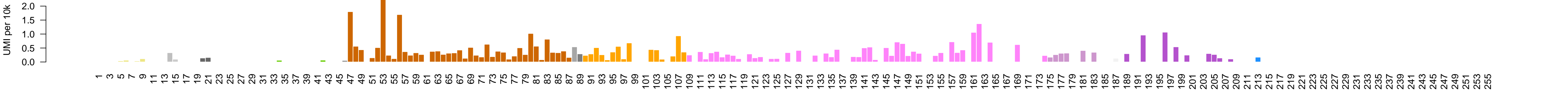
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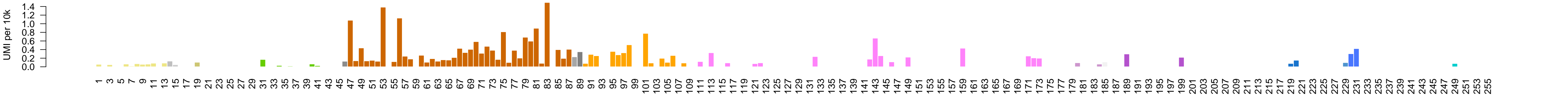
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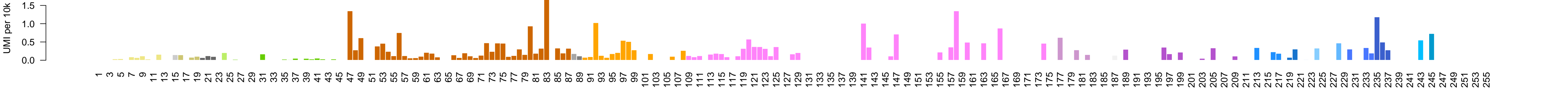
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Hhon_g03019.t1



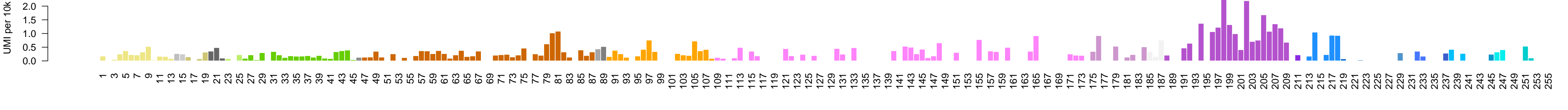
cytochrome_P450_family_3_subfamily_A_member_4 | p450/
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cytochrome_P450_family_3_subfamily_A_member_5 | p450/
Hhon_g03022.t1



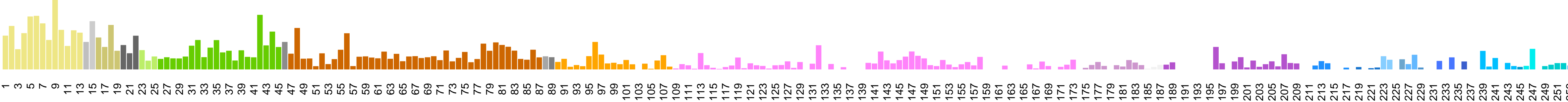
retinol_dehydrogenase_13 | adh_short/
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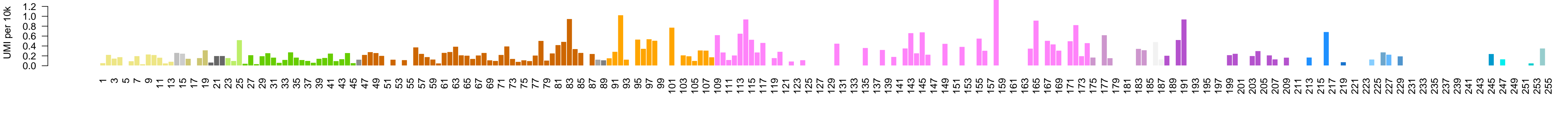
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UMI per 10k

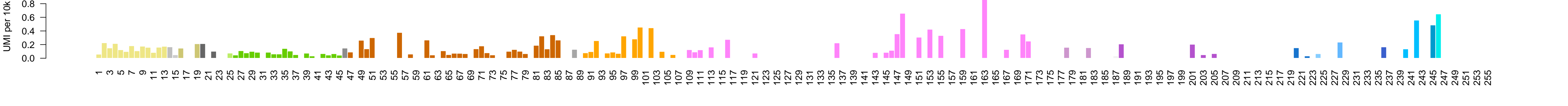
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2
1
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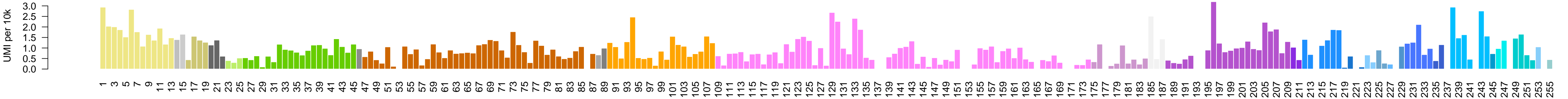
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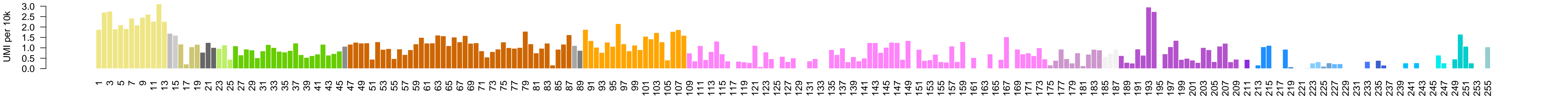
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Hhon_g03080.t1



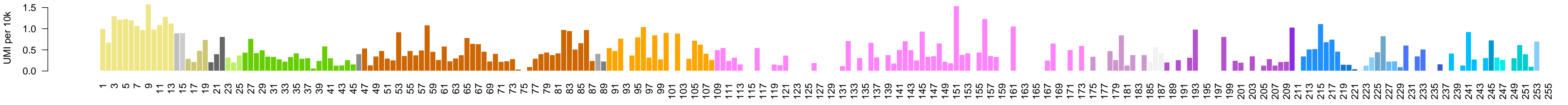
fatty_acid_desaturase_1 | Cyt-b5/FA_desaturase/
Hhon_g03147.t1



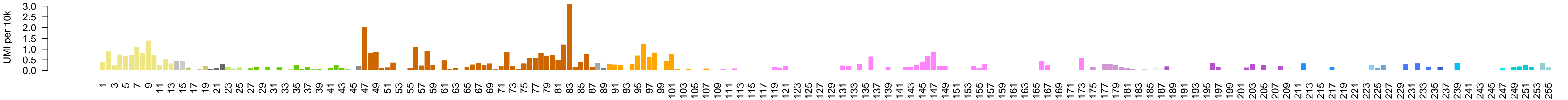
hydroxysteroid_17_beta_dehydrogenase_10 | adh_short/
Hhon_g03228.t1



dehydrogenase_reductase_7B | adh_short/
Hhon_g03472.t1



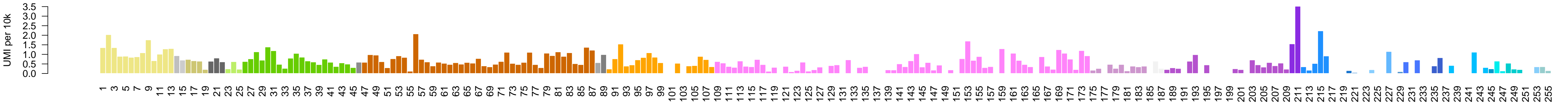
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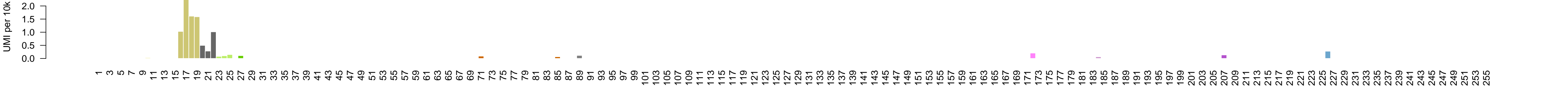
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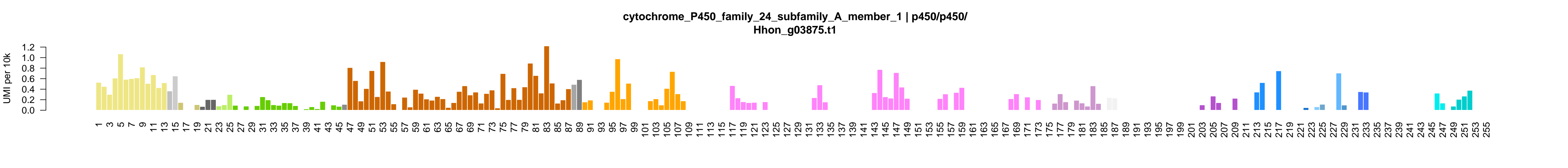


transmembrane_protein_97 | EBP/
Hhon_g03648.t1

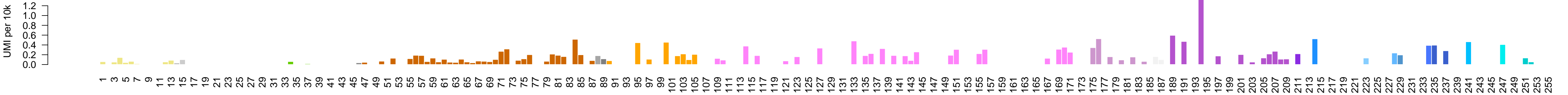


cytochrome_P450_family_46_subfamily_A_member_1 | p450/
Hhon_g03819.t1





cytochrome_P450_family_24_subfamily_A_member_1 | p450/
Hhon_g03877.t1



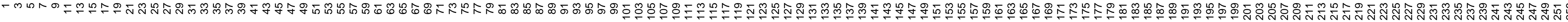
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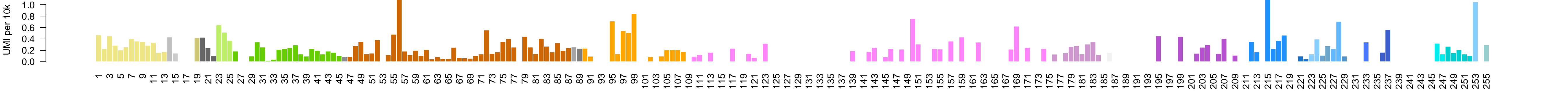
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Hhon_g04263.t1

UMI per 10k

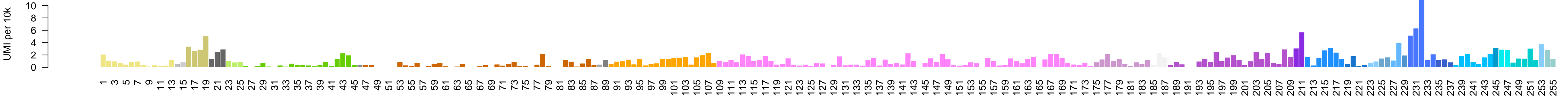
1.5
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0.0



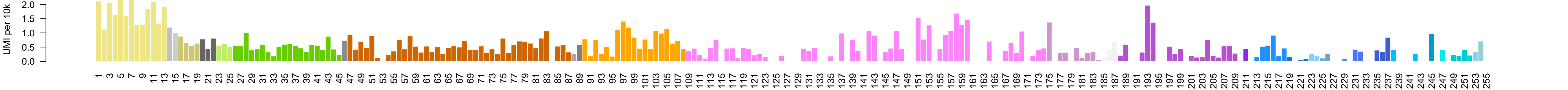
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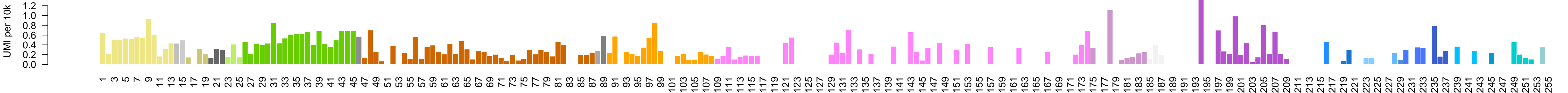
stearoyl_CoA_desaturase | FA_desaturase/
Hhon_g04432.t1



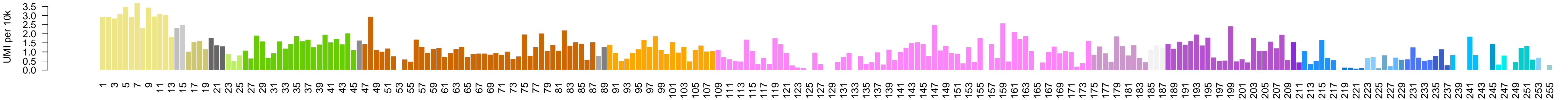
3_ketodihydrosphingosine_reductase | adh_short/
Hhon_g04494.t1



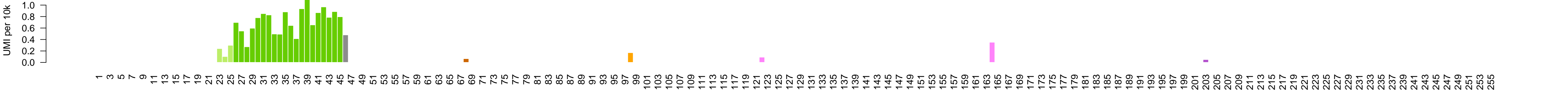
hydroxysteroid_17_beta_dehydrogenase_4 | adh_short/MaoC_dehydrat_N/MaoC_dehydratas/SCP2/
Hhon_g04499.t1



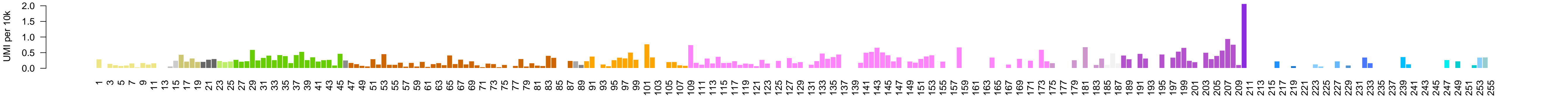
ergosterol_biosynthesis_28_homolog | Erg28/
Hhon_g04594.t1



dehydrogenase_reductase_7 | adh_short/
Hhon_g04664.t1

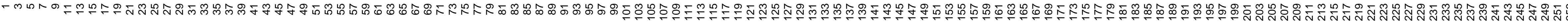
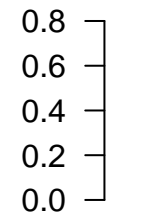


cytochrome_P450_family_4_subfamily_F_member_3 | p450/
Hhon_g04726.t1



| 3Beta_HSD/
Hhon_g04885.t1

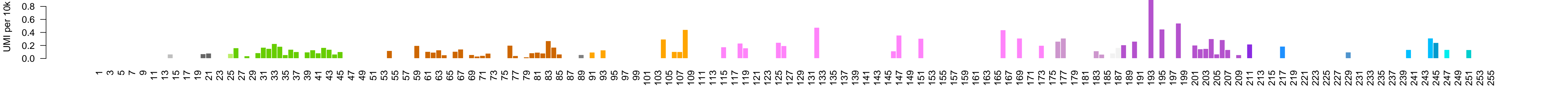
UMI per 10k



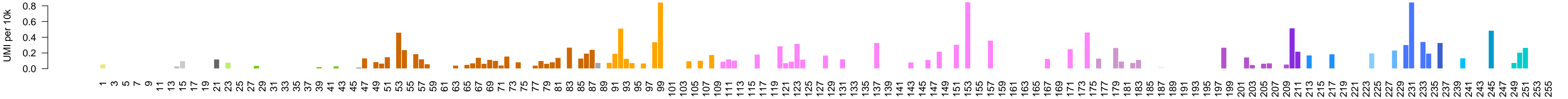
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Hhon_g05116.t1



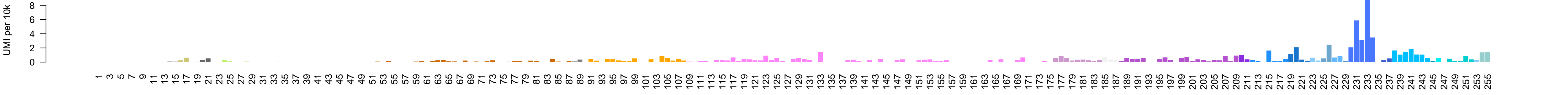
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Hhon_g05117.t1



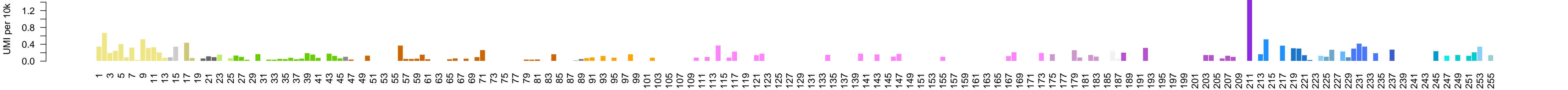
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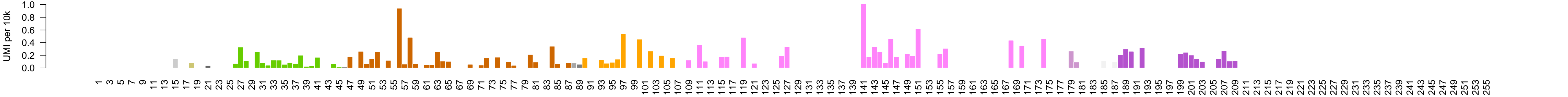
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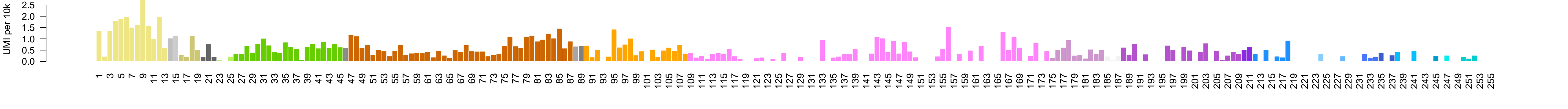
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Hhon_g05120.t1



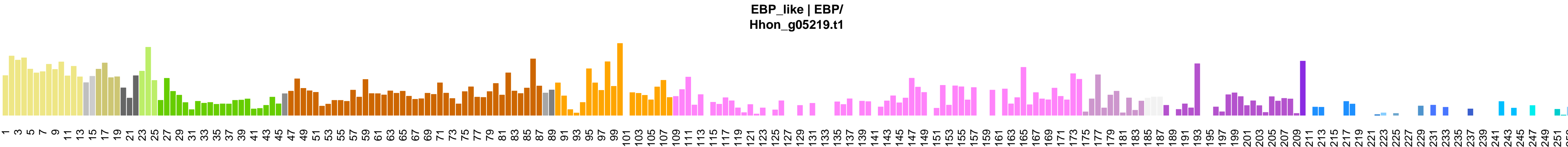
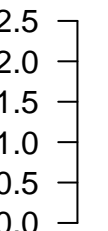
cytochrome_P450_family_1_subfamily_A_member_1 | p450/
Hhon_g05200.t1



EBP_cholestenol_delta_isomerase | EBP/
Hhon_g05216.t1



UMI per 10k



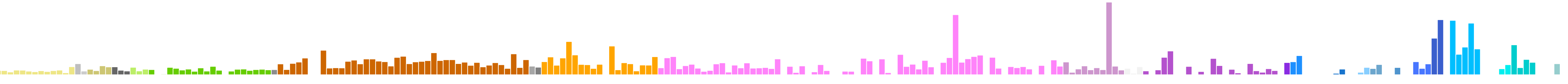
EBP_like | EBP/
Hhon_g05219.t1

XPA_binding_protein_2 | TPR_8/p450/
Hhon_g05363.t1

UMI per 10k

3
2
1
0

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 99 101 103 105 107 109 111 113 115 117 119 121 123 125 127 129 131 133 135 137 139 141 143 145 147 149 151 153 155 157 159 161 163 165 167 169 171 173 175 177 179 181 183 185 187 189 191 193 195 197 199 201 203 205 207 209 211 213 215 217 219 221 223 225 227 229 231 233 235 237 239 241 243 245 247 249 251 253 255

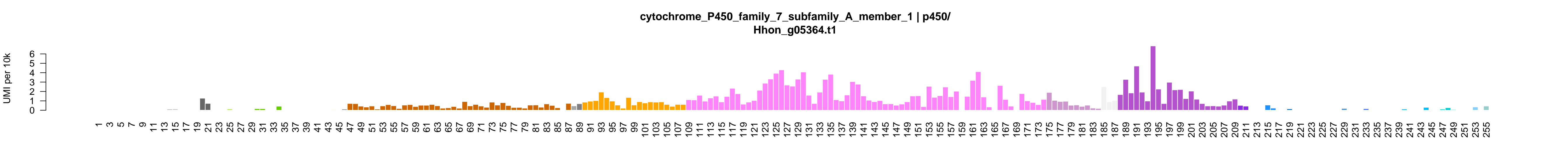


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Hhon_g05364.t1

UMI per 10k

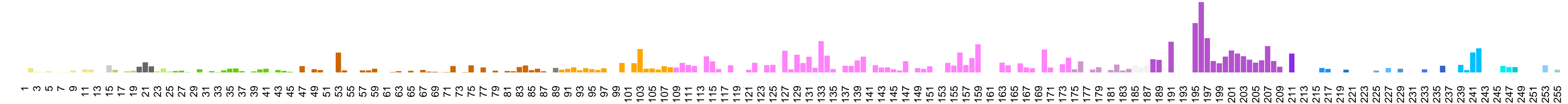
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5
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2
1
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UMI per 10k

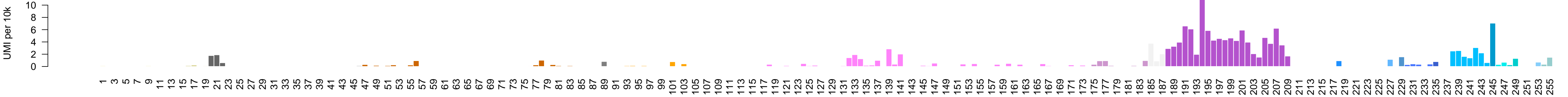
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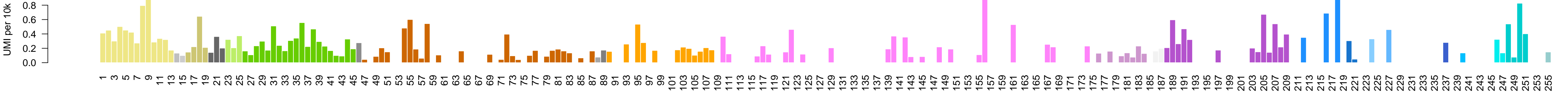
| p450/

Hhon_g05365.t1

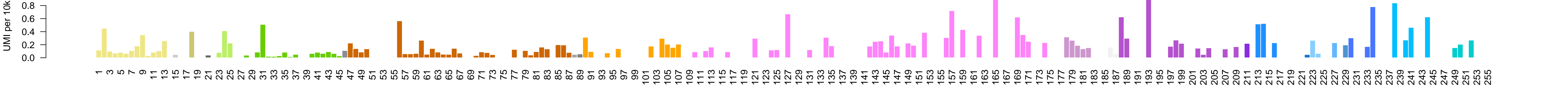
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Hhon_g05366.t1



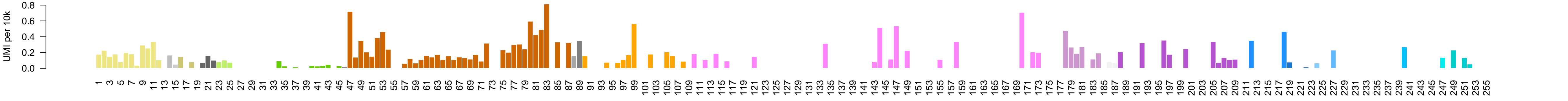
dehydrogenase_reductase_11 | AMP-binding/AMP-binding_C/PP-binding/NAD_binding_4/adh_sh...
Hhon_g05403.t1



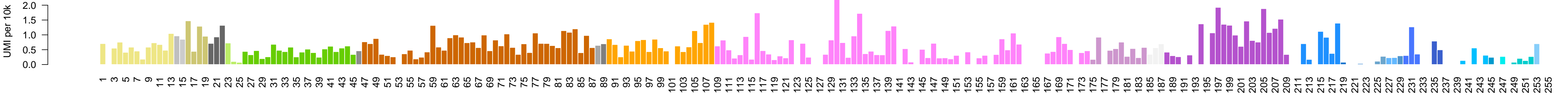
WW_domain_containing_oxidoreductase | WW/adh_short/
Hhon_g05576.t1



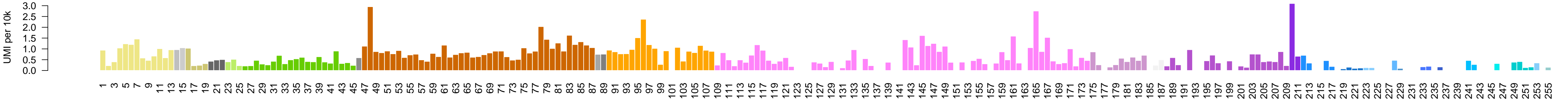
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Hhon_g05938.t1



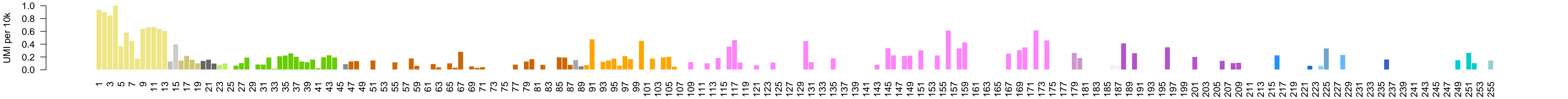
carbonyl_reductase_4 | adh_short/
Hhon_g06405.t1



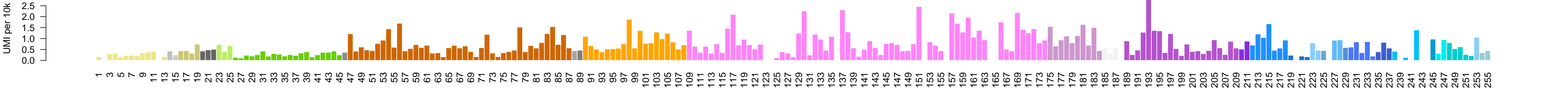
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Hhon_g06406.t1



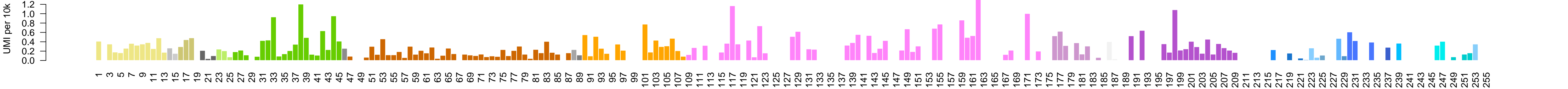
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Hhon_g06445.t1



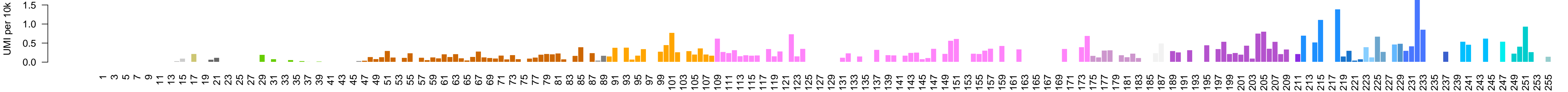
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Hhon_g06449.t1



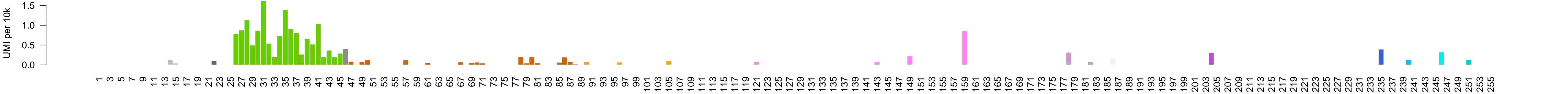
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Hhon_g06450.t1



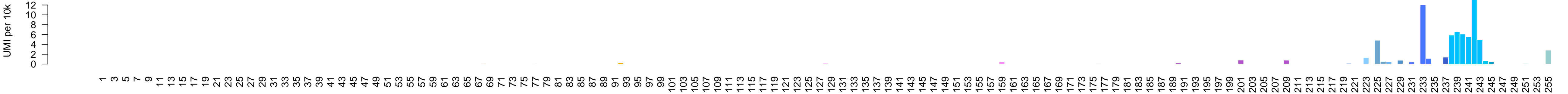
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Hhon_g06488.t1



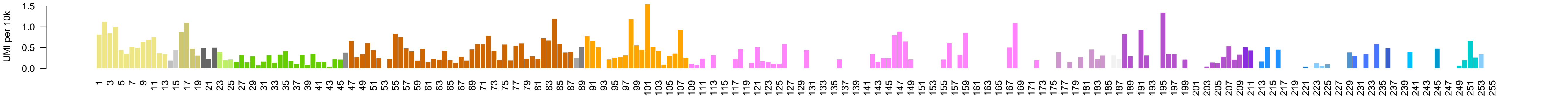
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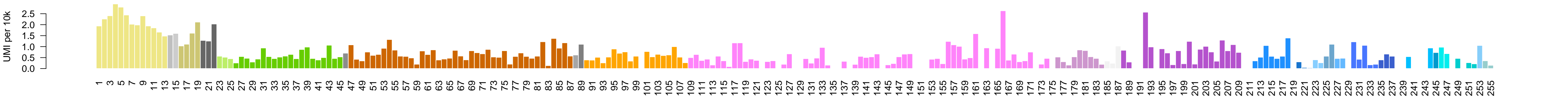
cytochrome_P450_family_51_subfamily_A_member_1 | p450/
Hhon_g06784.t1



Ianosterol_synthase | SQHop_cyclase_N/SQHop_cyclase_C/
Hhon_g06785.t1

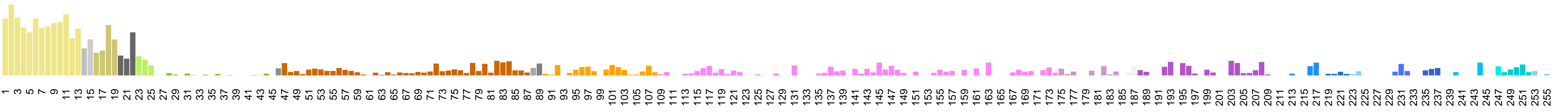
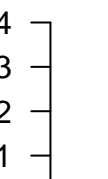


cytochrome_P450_family_51_subfamily_A_member_1 | p450/
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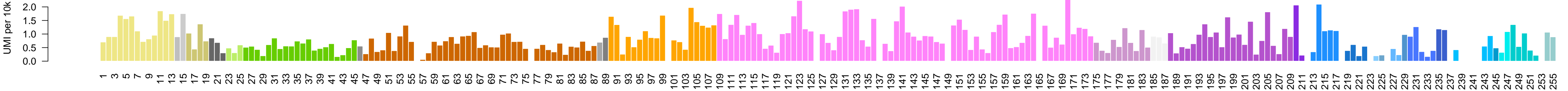


sterol_C5_desaturase | FA_hydroxylase/
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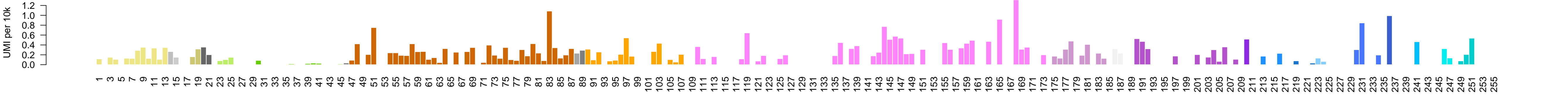
UMI per 10k



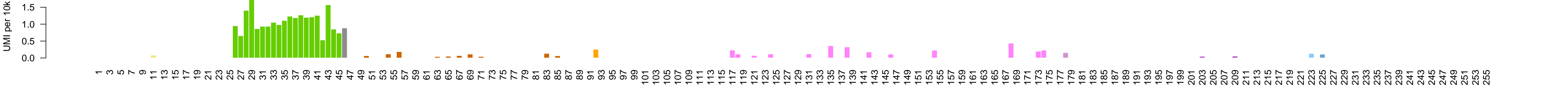
apoptosis_inducing_factor_mitochondria_associated_3 | Rieske/Pyr_redox_2/
Hhon_g06995.t1



alkylglycerone_phosphate_synthase | FAD_binding_4/FAD-oxidase_C/
Hhon_g07005.t1

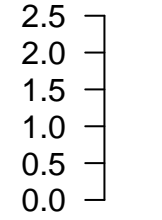


retinol_dehydrogenase_16 | adh_short/
Hhon_g07139.t1

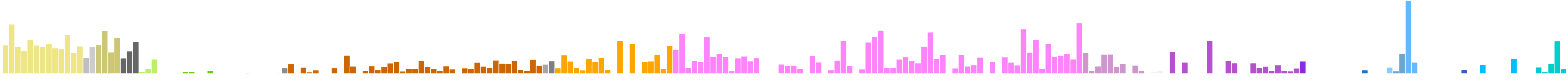


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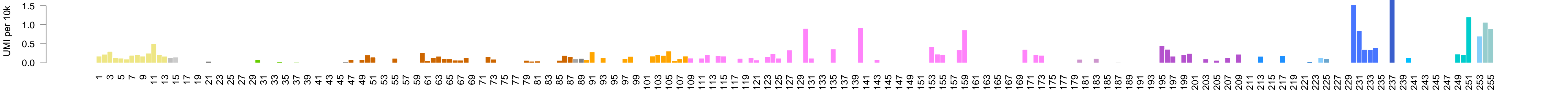
UMI per 10k



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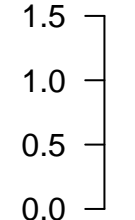


cytochrome_P450_family_26_subfamily_A_member_1 | p450/
Hhon_g07144.t1



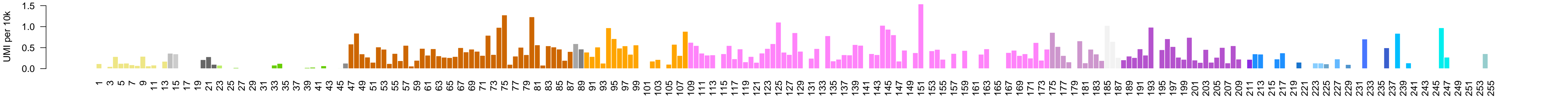
hydroxysteroid_17_beta_dehydrogenase_2 | adh_short/
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UMI per 10k

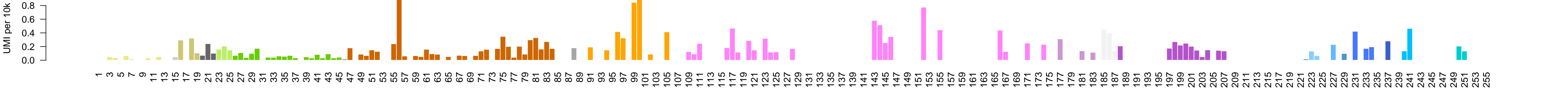


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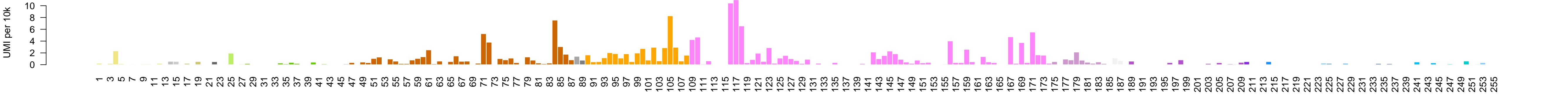
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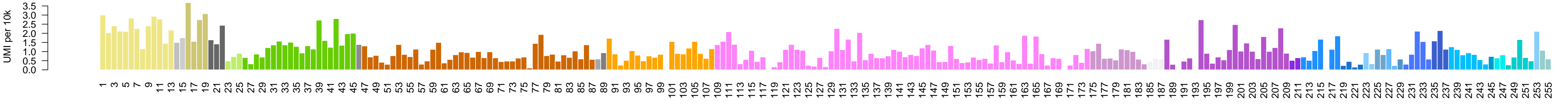
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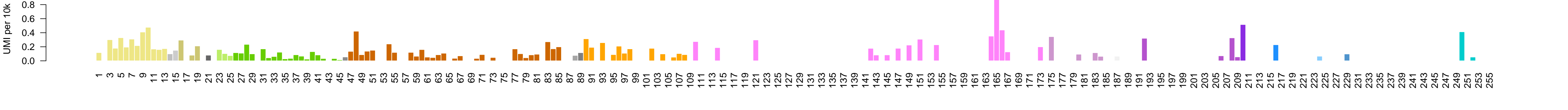
lamin_B_receptor | Tudor_3/ERG4_ERG24/
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lamin_B_receptor | ERG4_ERG24/
Hhon_g07265.t1

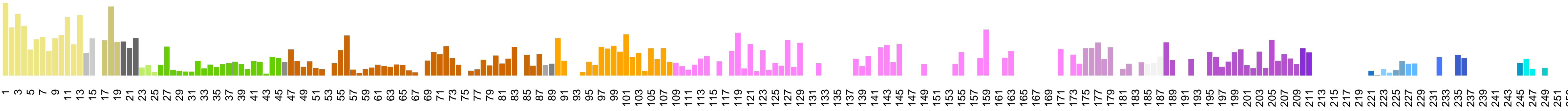
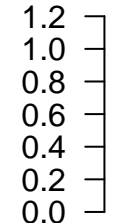


cytochrome_P450_family_39_subfamily_A_member_1 | p450/
Hhon_g07554.t1

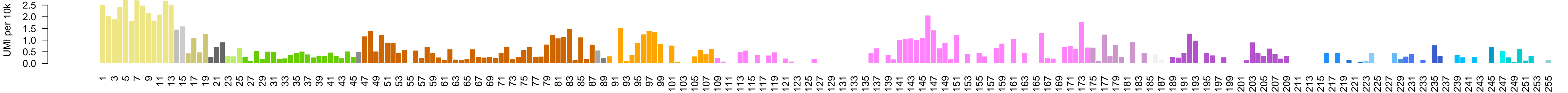


squalene_epoxidase | SE/
Hhon_g07608.t1

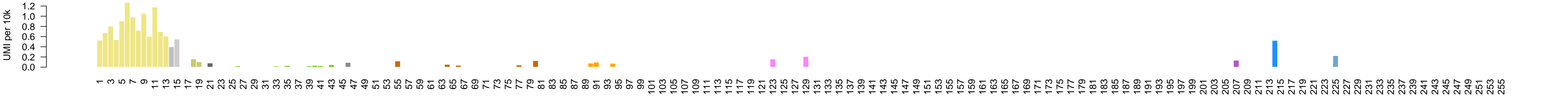
UMI per 10k



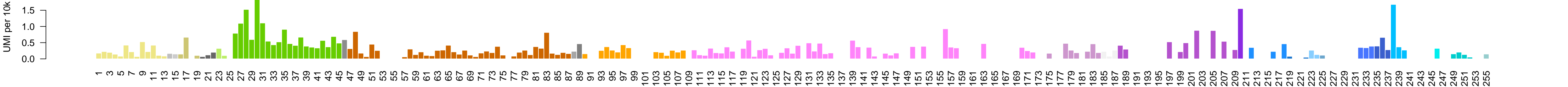
sigma_non_opioid_intracellular_receptor_1 | ERG2_Sigma1R/
Hhon_g07612.t1



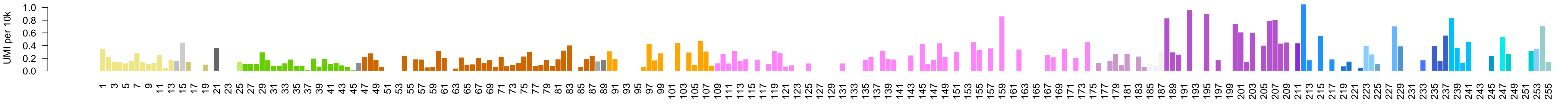
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Hhon_g07643.t1



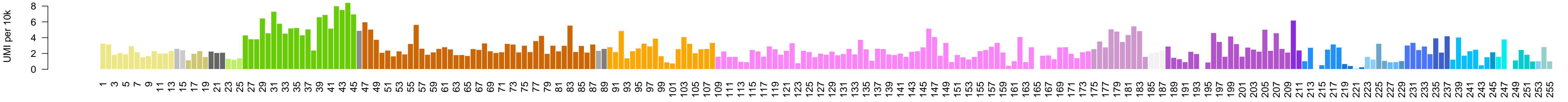
cytochrome_P450_family_3_subfamily_A_member_4 | p450/
Hhon_g07644.t1



CYP3A7_CYP3A51P_readthrough | p450/p450/
Hhon_g07671.t1



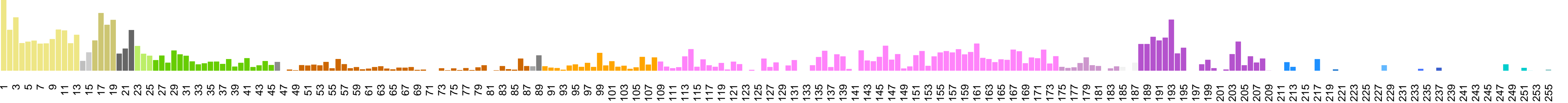
NPC_intracellular_cholesterol_transporter_2 | E1_DerP2_DerF2/
Hhon_g07805.t1



cytochrome_P450_family_4_subfamily_F_member_3 | p450/
Hhon_g07897.t1

UMI per 10k

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3
2
1
0



cytochrome_P450_family_4_subfamily_F_member_22 | p450/
Hhon_g07915.t1

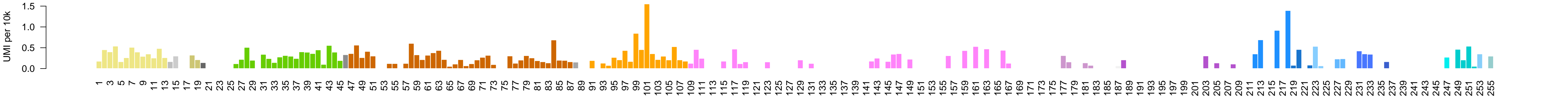
UMI per 10k

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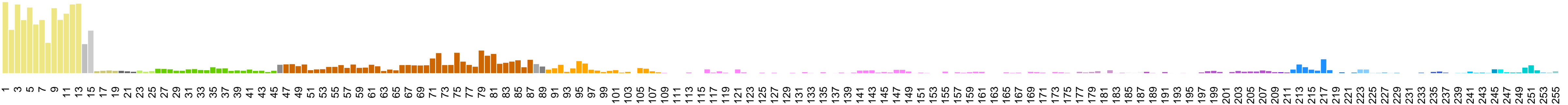
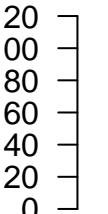


fatty_acid_desaturase_1 | Cyt-b5/FA_desaturase/
Hhon_g08038.t1

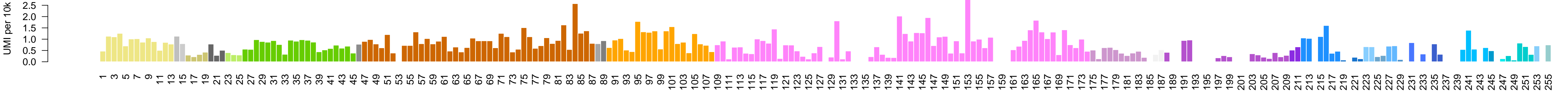


retinol_dehydrogenase_8 | adh_short/
Hhon_g08142.t1

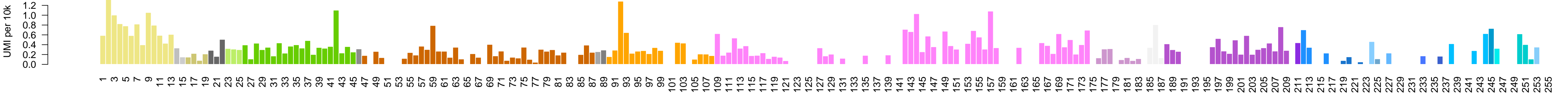
UMI per 10k



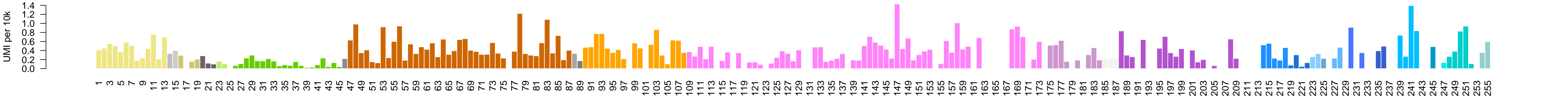
short_chain_dehydrogenase_reductase_family_16C_member_5 | adh_short/
Hhon_g08167.t1



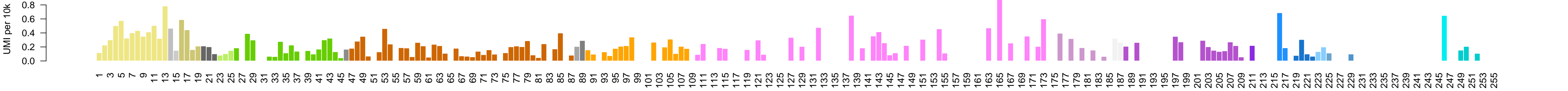
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Hhon_g08169.t1



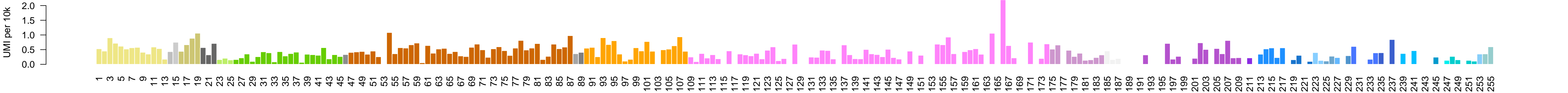
cytochrome_P450_family_4_subfamily_F_member_22 | p450/
Hhon_g08760.t1



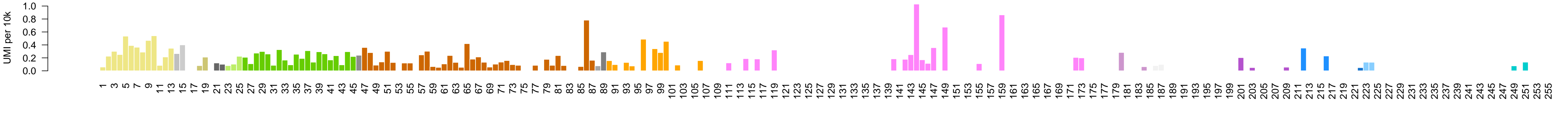
hydroxysteroid_17_beta_dehydrogenase_7 | adh_short/
Hhon_g08782.t1



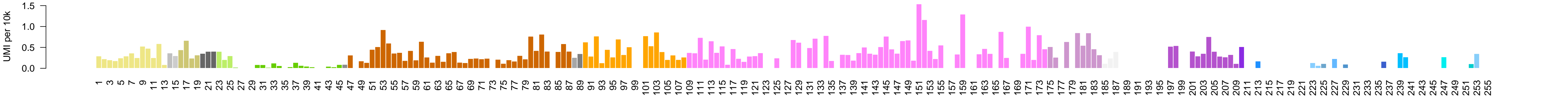
fatty_acid_desaturase_3 | Cyt-b5/FA_desaturase/
Hhon_g08946.t1



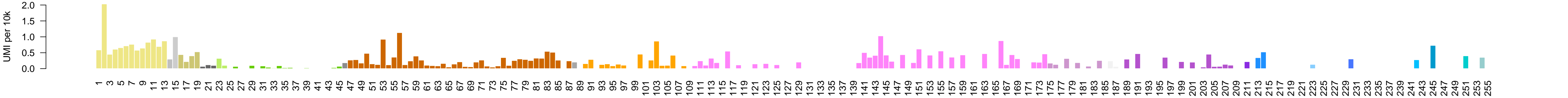
retinol_dehydrogenase_5 | adh_short/
Hhon_g08963.t1



cytochrome_P450_family_24_subfamily_A_member_1 | p450/
Hhon_g08991.t1

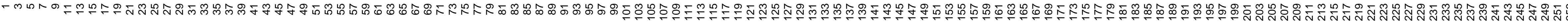
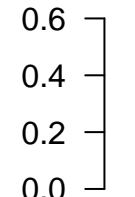


cytochrome_P450_family_24_subfamily_A_member_1 | p450/
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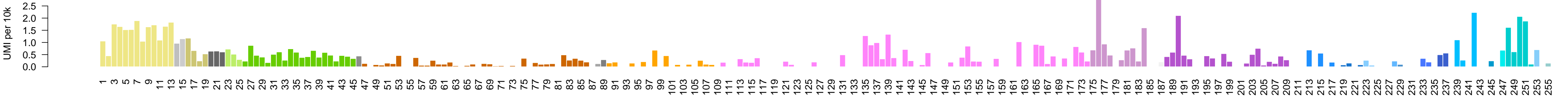


retinol_dehydrogenase_8 | adh_short/
Hhon_g09003.t1

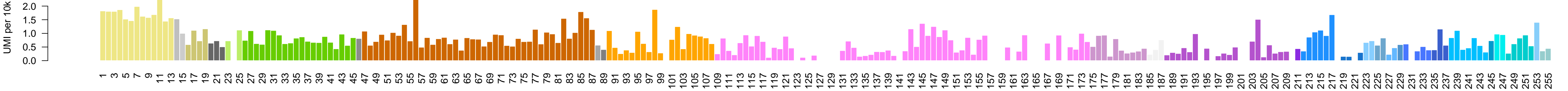
UMI per 10k



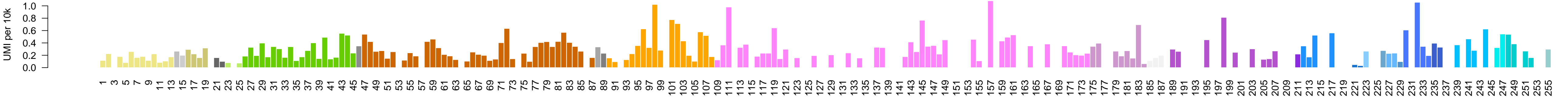
retinol_dehydrogenase_8 | adh_short/
Hhon_g09005.t1



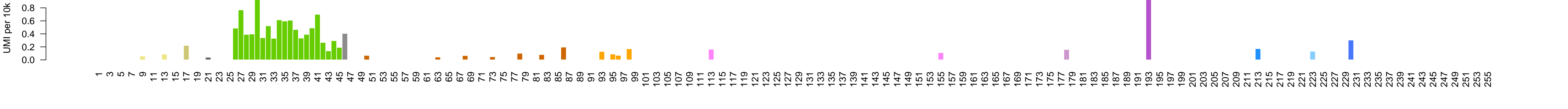
dehydrogenase_reductase_7 | adh_short/
Hhon_g09089.t1



dehydrogenase_reductase_7 | adh_short/
Hhon_g09090.t1



dehydrogenase_reductase_7 | adh_short/
Hhon_g09091.t1

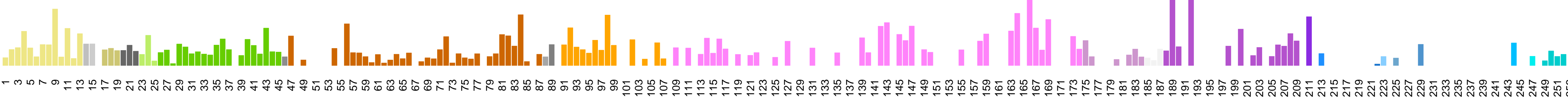
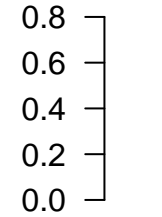


retinol_dehydrogenase_16 | adh_short/
Hhon_g09104.t1



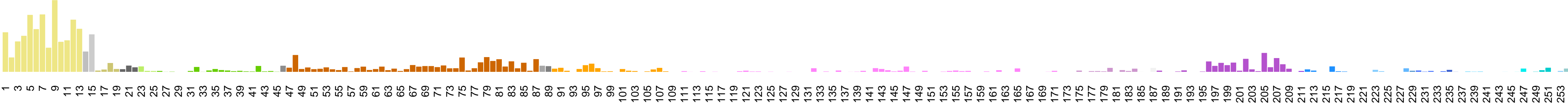
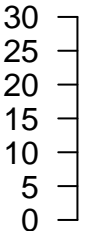
24_dehydrocholesterol_reductase | FAD_binding_4/ALO/
Hhon_g09298.t1

UMI per 10k

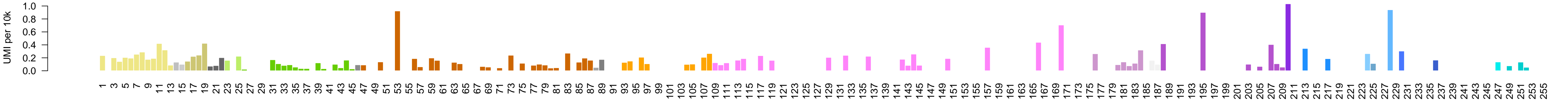


retinol_dehydrogenase_8 | adh_short/
Hhon_g09308.t1

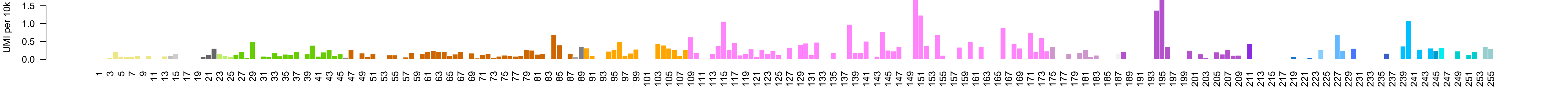
UMI per 10k



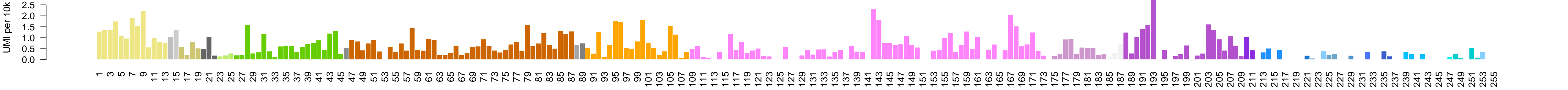
cytochrome_P450_family_24_subfamily_A_member_1 | p450/
Hhon_g09828.t1



cytochrome_P450_family_3_subfamily_A_member_4 | p450/
Hhon_g10319.t1



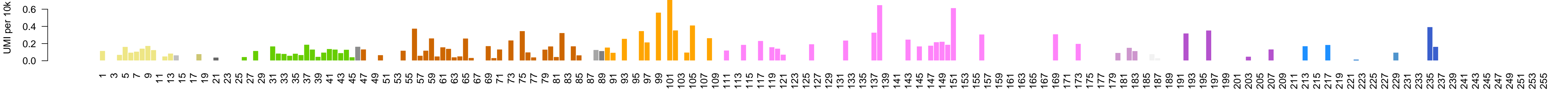
hydroxysteroid_17_beta_dehydrogenase_12 | adh_short/
Hhon_g10366.t1



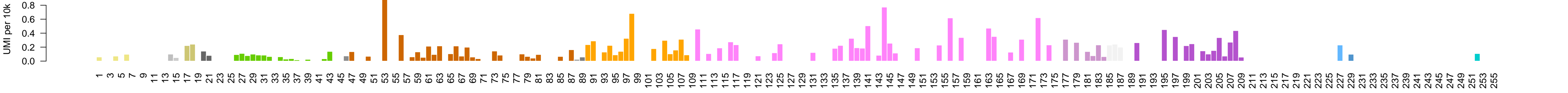
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Hhon_g10367.t1



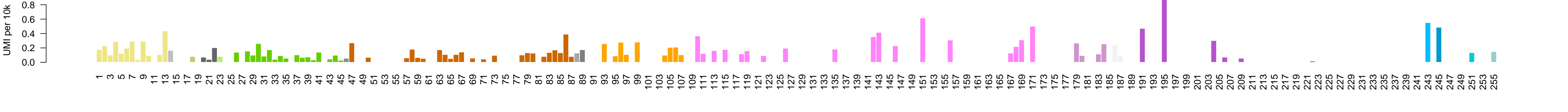
dehydrogenase_reductase_9 | adh_short/
Hhon_g10468.t1



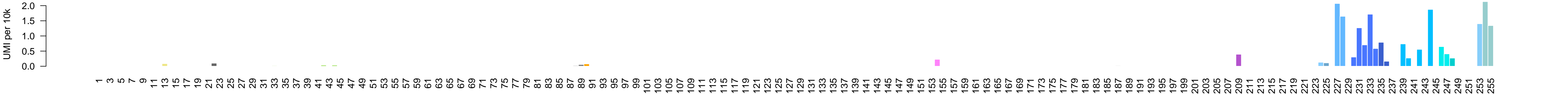
dehydrogenase_reductase_9 | adh_short/
Hhon_g10473.t1



D_2_hydroxyglutarate_dehydrogenase | FAD_binding_4/FAD-oxidase_C/
Hhon_g10604.t1

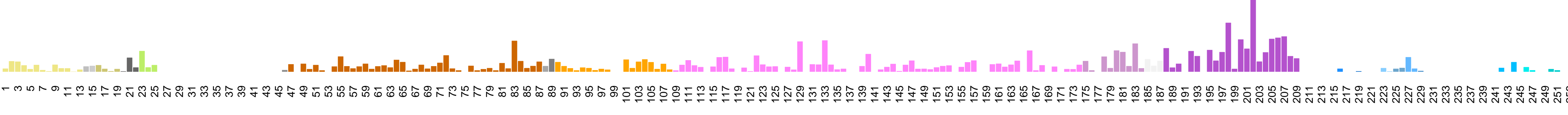
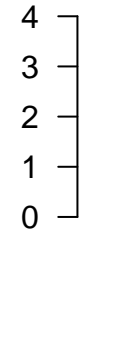


cytochrome_P450_family_3_subfamily_A_member_4 | p450/
Hhon_g10683.t1

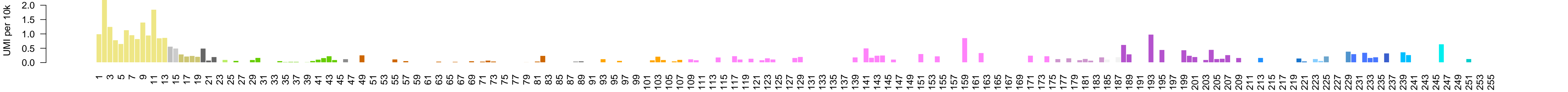


cytochrome_P450_family_3_subfamily_A_member_4 | p450/p450/
Hhon_g10684.t1

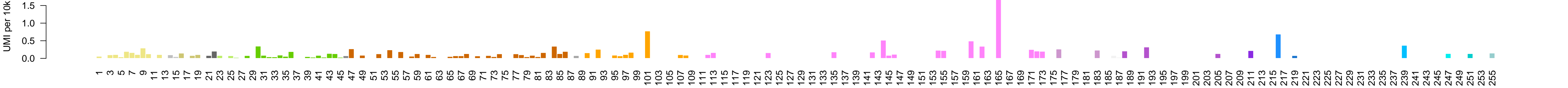
UMI per 10k



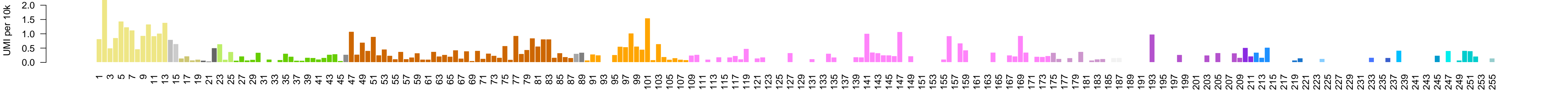
cytochrome_P450_family_3_subfamily_A_member_4 | p450/
Hhon_g10689.t1



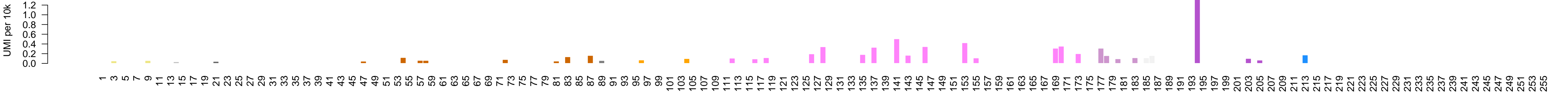
cytochrome_P450_family_3_subfamily_A_member_4 | p450/
Hhon_g10690.t1



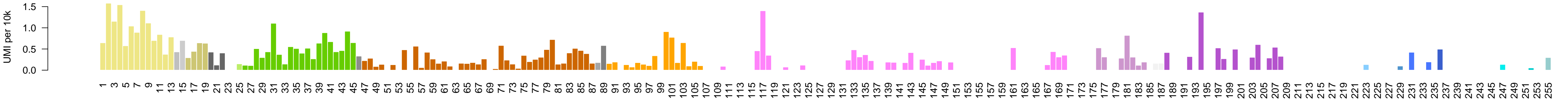
cytochrome_P450_family_3_subfamily_A_member_5 | p450/
Hhon_g10691.t1



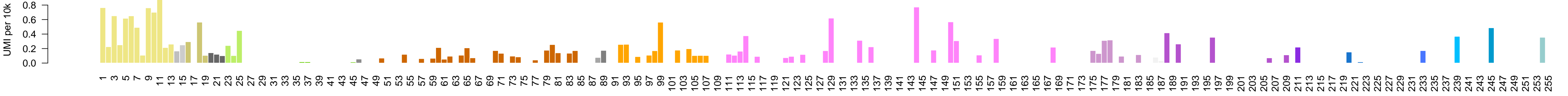
cytochrome_P450_family_3_subfamily_A_member_4 | p450/
Hhon_g10692.t1



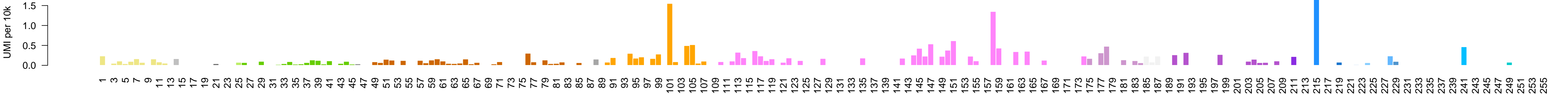
24_dehydrocholesterol_reductase | FAD_binding_4/
Hhon_g10844.t1



cytochrome_P450_family_24_subfamily_A_member_1 | p450/
Hhon_g10944.t1



cytochrome_P450_family_24_subfamily_A_member_1 | p450/
Hhon_g10949.t1



hydroxysteroid_17_beta_dehydrogenase_10 | adh_short/
Hhon_g11367.t1

