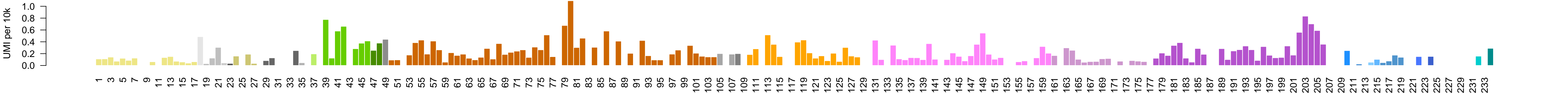
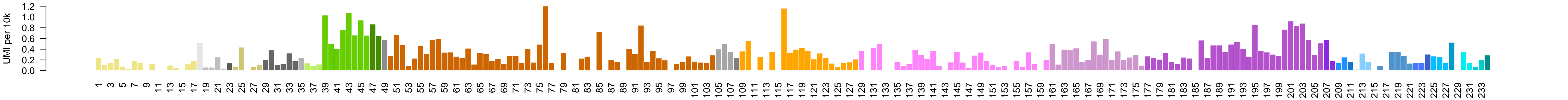


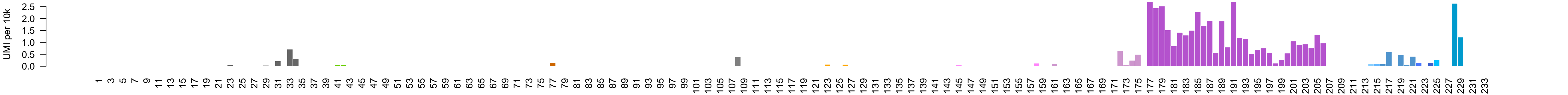
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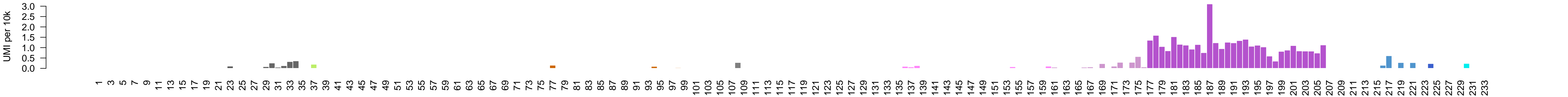
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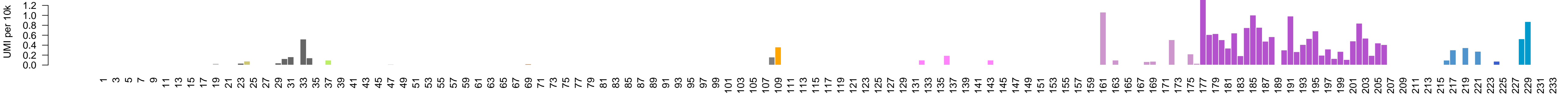
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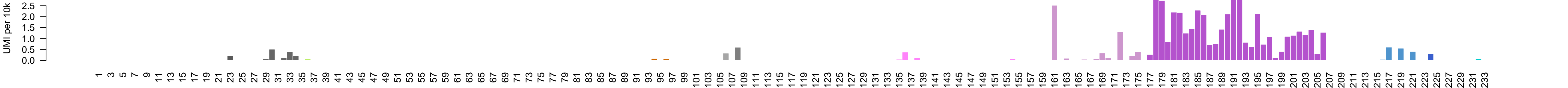
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HoiH23_PIH23_000322



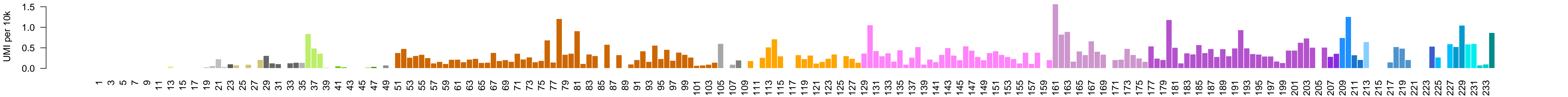
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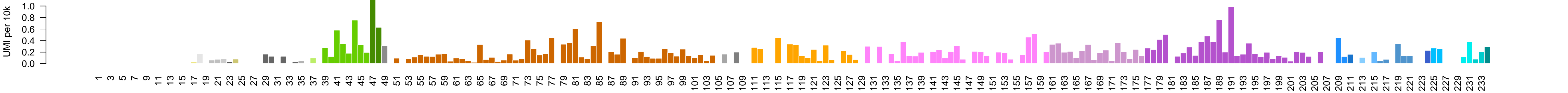
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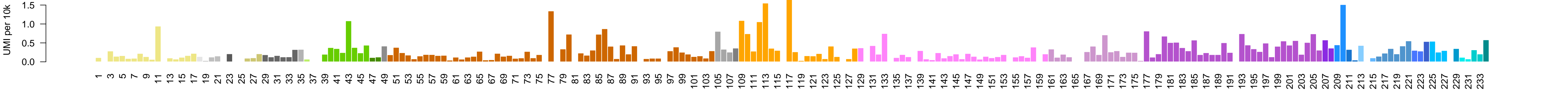
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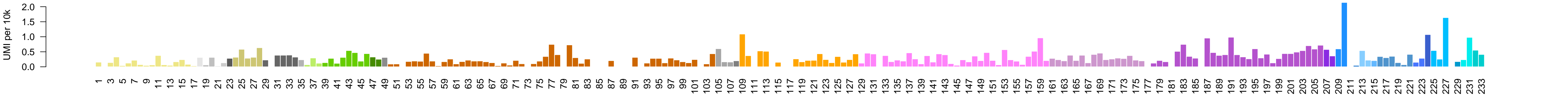
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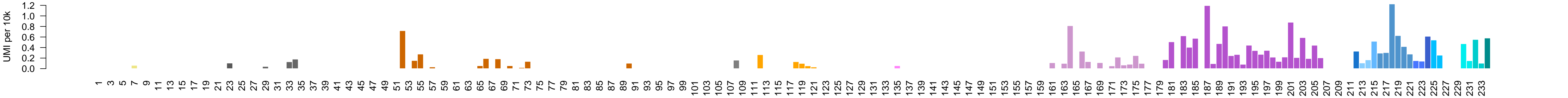
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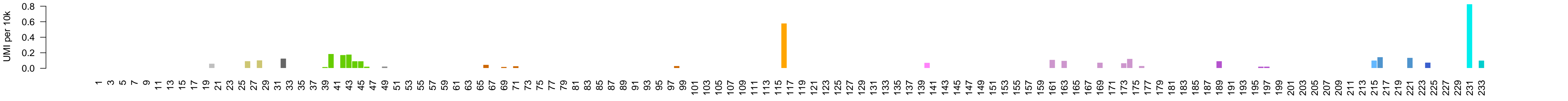
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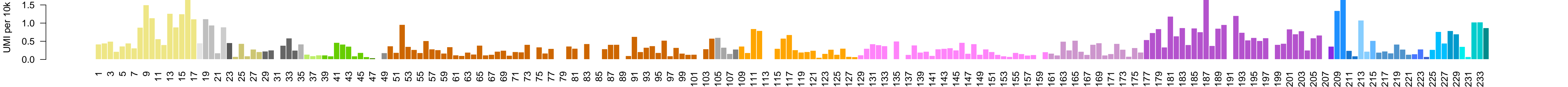
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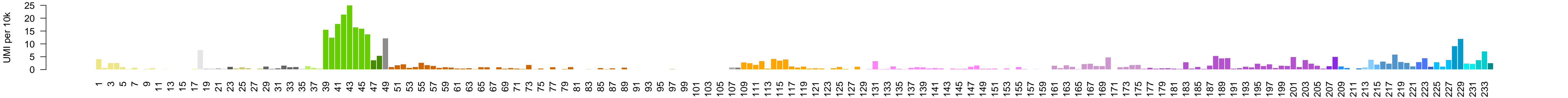


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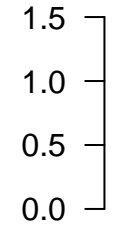
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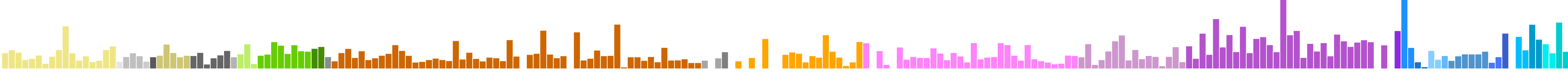


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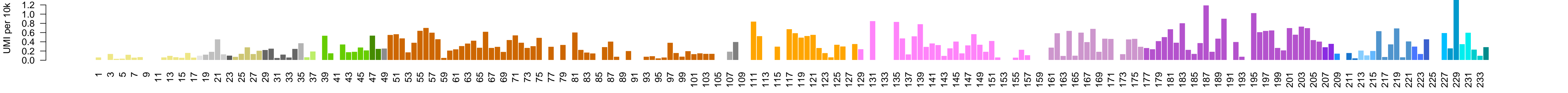
UMI per 10k



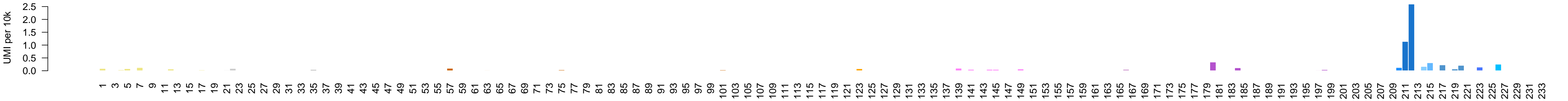
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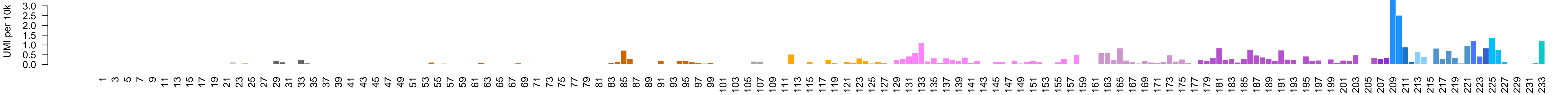
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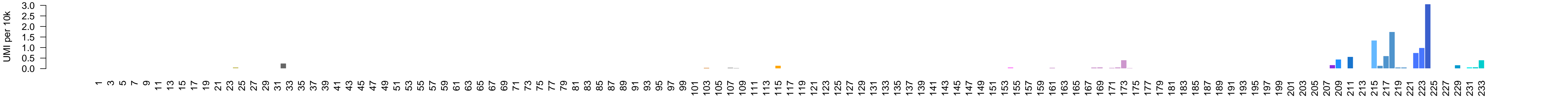
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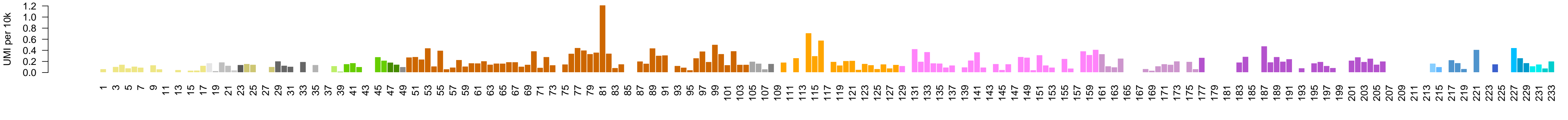
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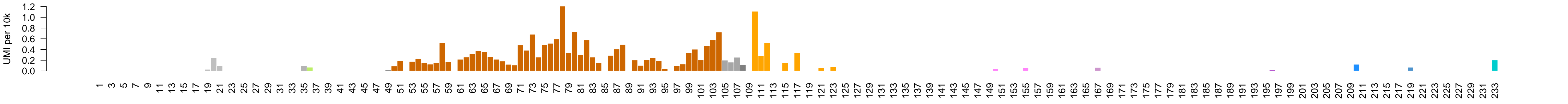
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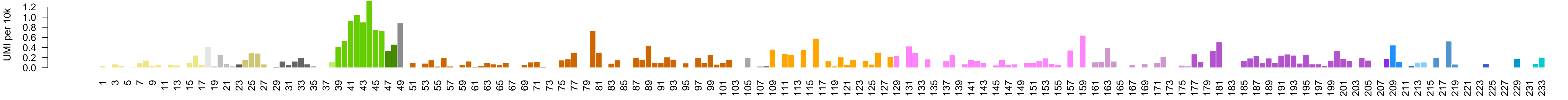
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Aa_trans.HG1.5:SLC38A7/SLC38A8
HoiH23_PIH23_000761



Aa_trans.HG1.6:like:TMEM104
HoiH23_PIH23_007763



ANF_receptor.HG1.2:like:CASR/GPRC6A/TAS1R1/TAS1R2/TAS1R3
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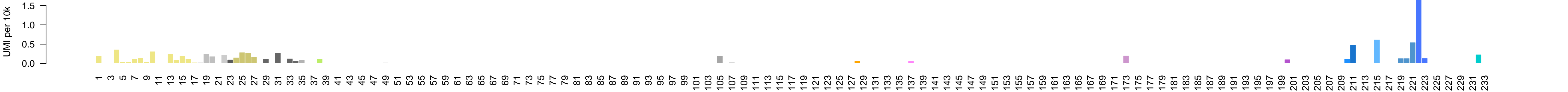
UMI per 10k

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2.0
1.5
1.0
0.5
0.0

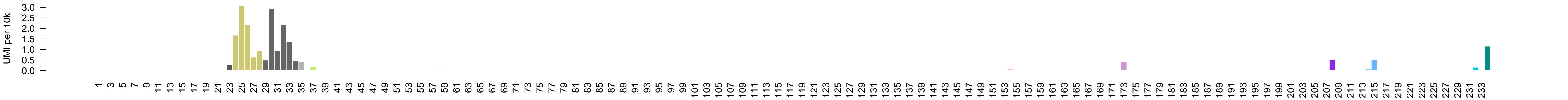
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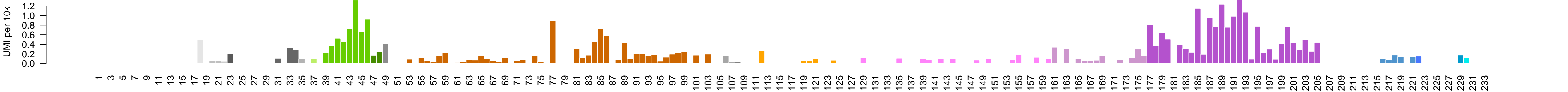
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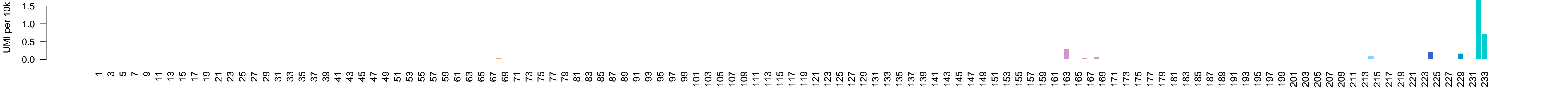
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HoiH23_PIH23_007938



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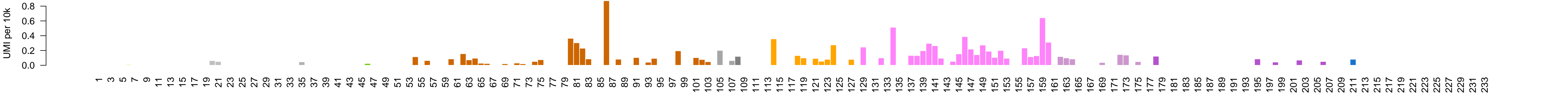
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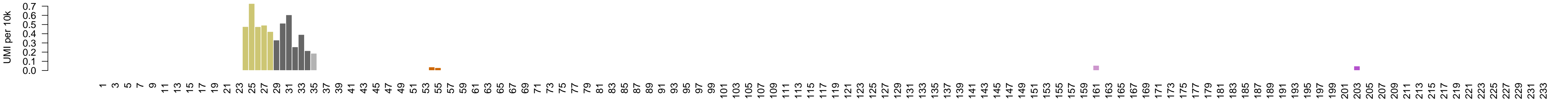
ANF_receptor.HG1.21:like:CASR/GPRC6A/TAS1R1/TAS1R2/TAS1R3
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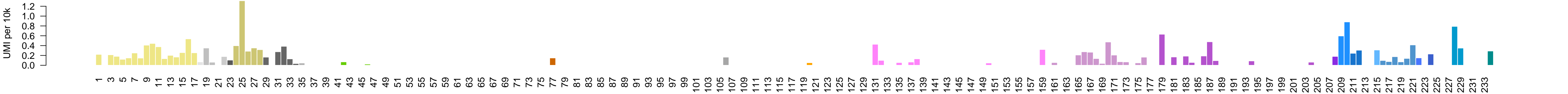
ANF_receptor.HG1.26:like:CASR/GPRC6A/TAS1R1/TAS1R2/TAS1R3
HoiH23_PIH23_008518



ANF_receptor.HG1.29:like:CASR/GPRC6A/TAS1R1/TAS1R2/TAS1R3
HoiH23_PIH23_010167

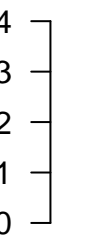


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HoiH23_PIH23_010019



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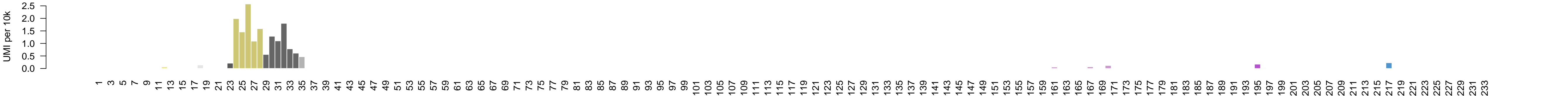
UMI per 10k



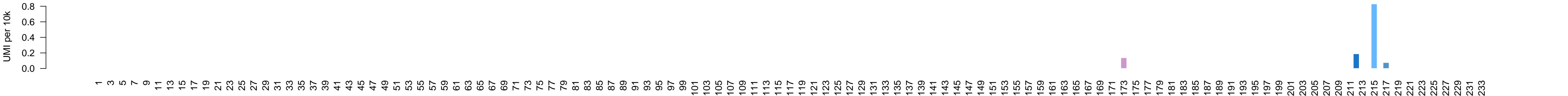
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ANF_receptor.HG1.43:like:CASR/GPRC6A/TAS1R1/TAS1R2/TAS1R3
HoiH23_PIH23_010062



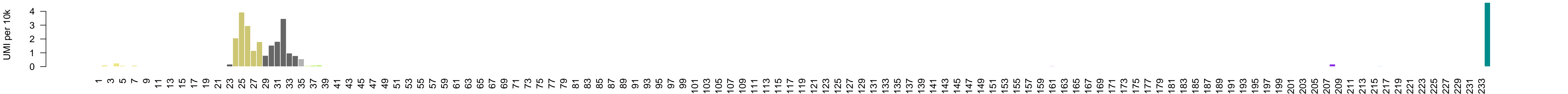
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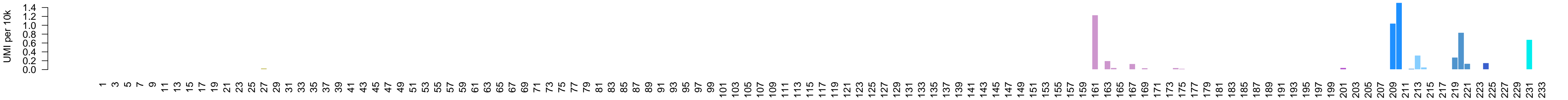
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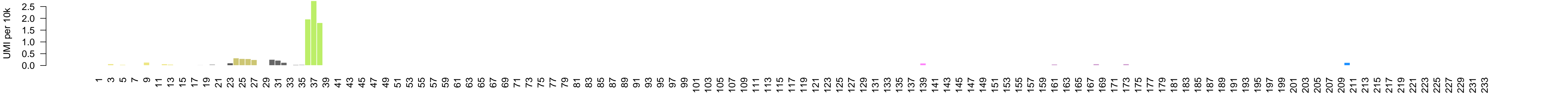
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ANF_receptor.HG1.52:like:CASR/GPRC6A/TAS1R1/TAS1R2/TAS1R3
HoiH23_PIH23_005656



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UMI per 10k

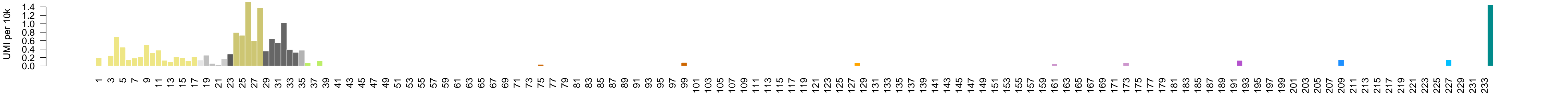
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4
3
2
1
0

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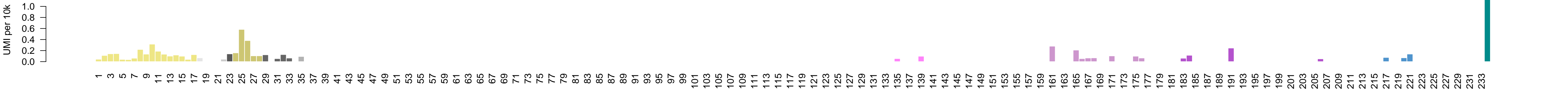
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ANF_receptor.HG1.55:like:CASR/GPRC6A/TAS1R1/TAS1R2/TAS1R3

HoiH23_PIH23_010915



ANF_receptor.HG1.57:like:CASR/GPRC6A/TAS1R1/TAS1R2/TAS1R3
HoiH23_PIH23_010636



ANF_receptor.HG1.58:like:CASR/GPRC6A/TAS1R1/TAS1R2/TAS1R3
HoiH23_PIH23_011425

UMI per 10k

0.8
0.6
0.4
0.2
0.0

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

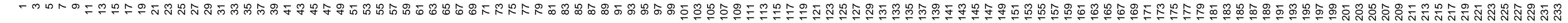
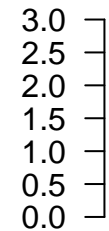


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HoiH23_PIH23_010631



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UMI per 10k

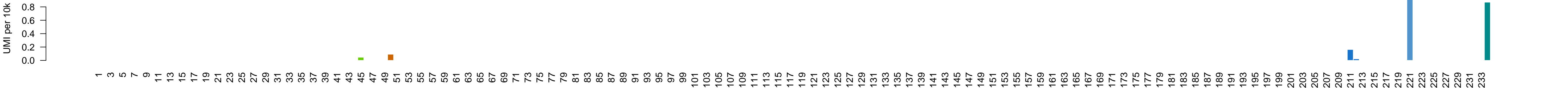


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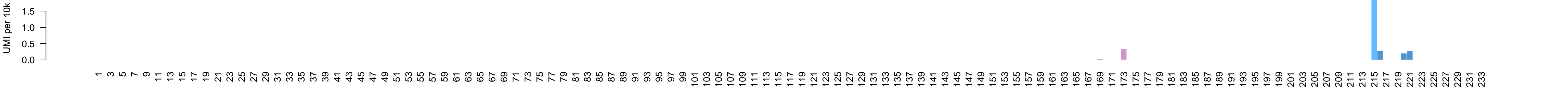
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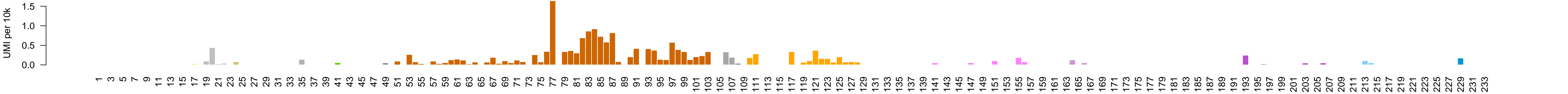
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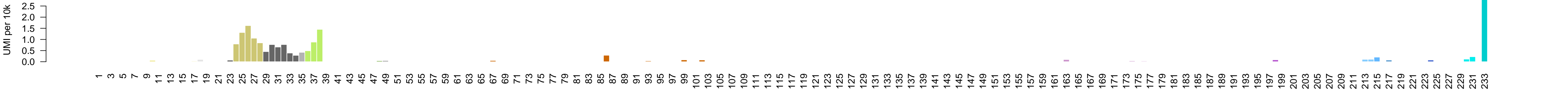
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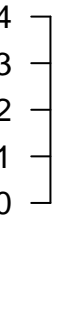


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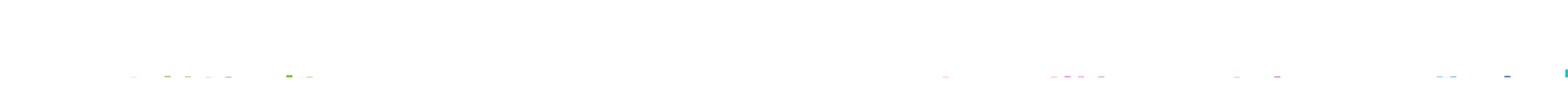


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HoiH23_PIH23_005535

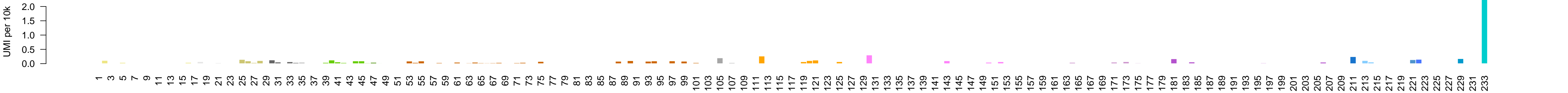
UMI per 10k



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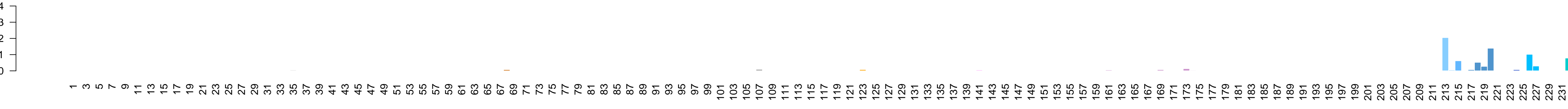
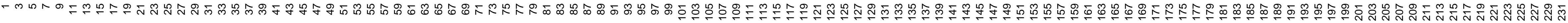
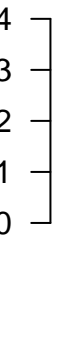


ANF_receptor.HG2.10:like:GABBR1/GABBR2
HoiH23_PIH23_005536



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HoiH23_PIH23_006171

UMI per 10k

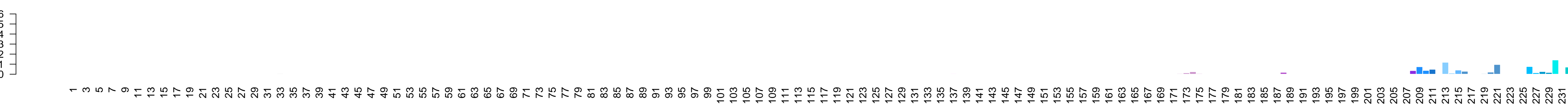


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UMI per 10k

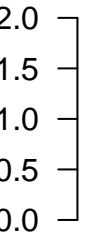
6
5
4
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2
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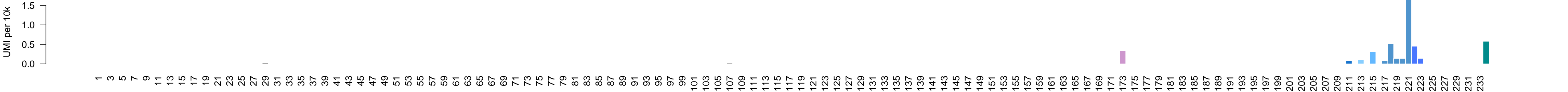
UMI per 10k



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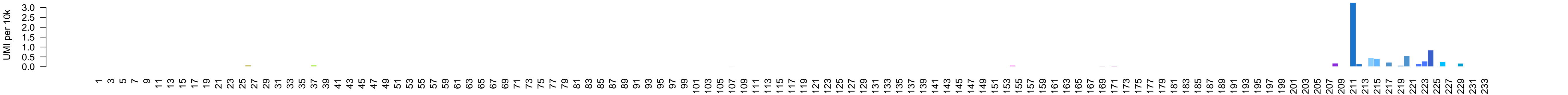
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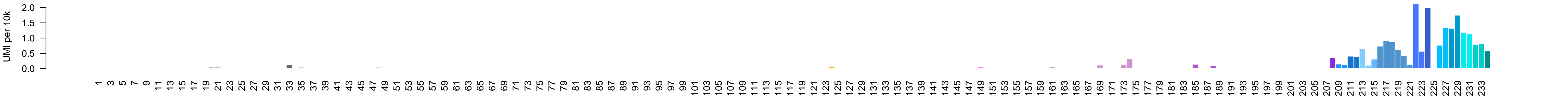
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HoiH23_PIH23_010039



ANF_receptor.HG2.13:like:GABBR1/GABBR2
HoiH23_PIH23_009125



ANF_receptor.HG2.14:like:GABBR1/GABBR2
HoiH23_PIH23_008392

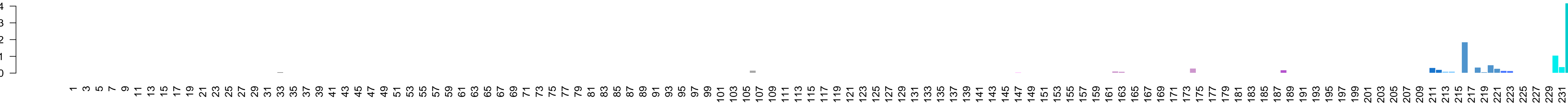


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HoiH23_PIH23_009833

UMI per 10k

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ANF_receptor.HG2.17:like:GABBR1/GABBR2
HoiH23_PIH23_009834

UMI per 10k

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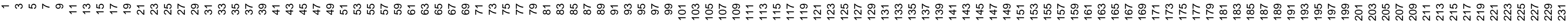
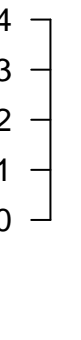
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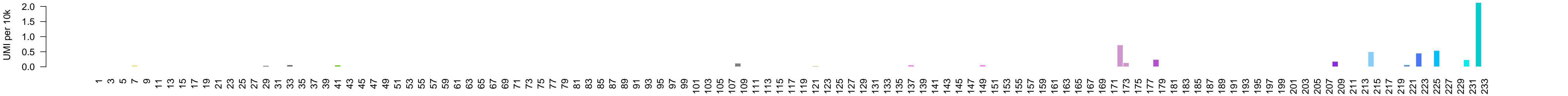
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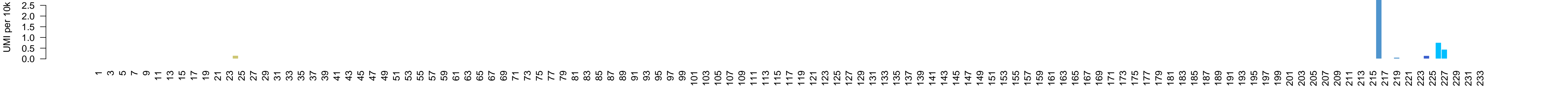
UMI per 10k



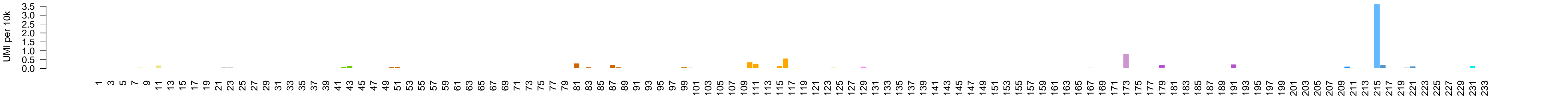
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ANF_receptor.HG2.21:like:GABBR1/GABBR2
HoiH23_PIH23_000006



ANF_receptor.HG2.22:like:GABBR1/GABBR2
HoiH23_PIH23_000005



ANF_receptor.HG2.23:like:GABBR1/GABBR2
HoiH23_PIH23_001275

UMI per 10k

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HoiH23_PIH23_001278

UMI per 10k

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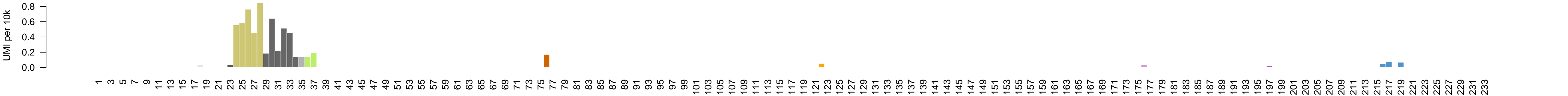
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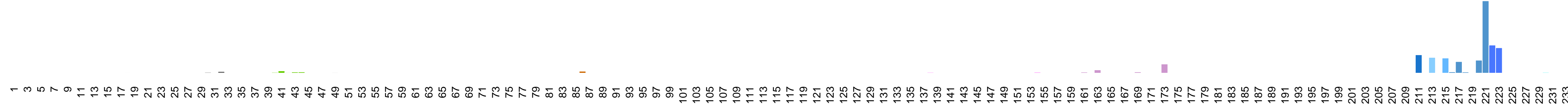
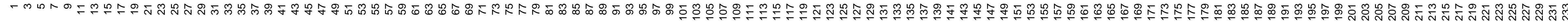
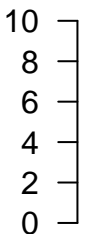
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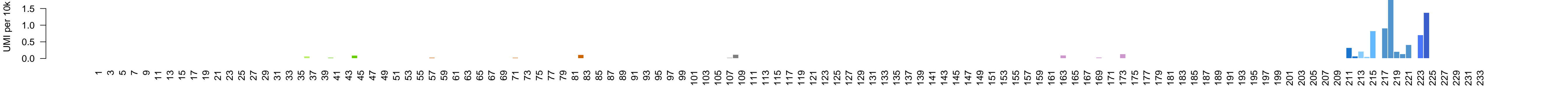


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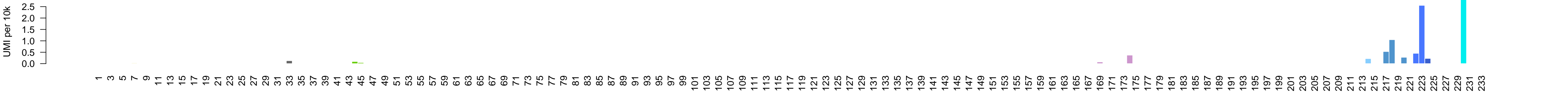
UMI per 10k



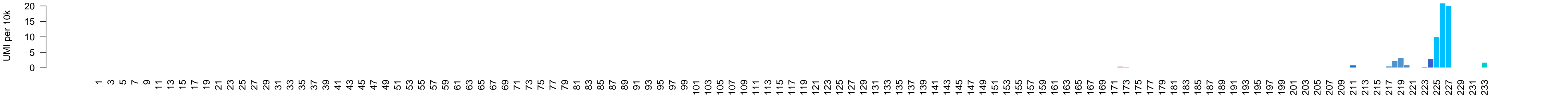
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HoiH23_PIH23_007026



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HoiH23_PIH23_007027



ANF_receptor.HG2.3:like:GABBR1/GABBR2
HoiH23_PIH23_008285



ANF_receptor.HG2.3:like:GABBR1/GABBR2
HoiH23_PIH23_009277

UMI per 10k

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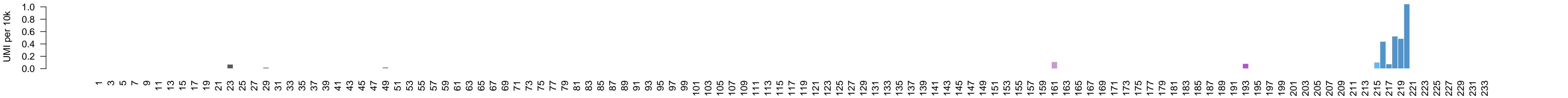
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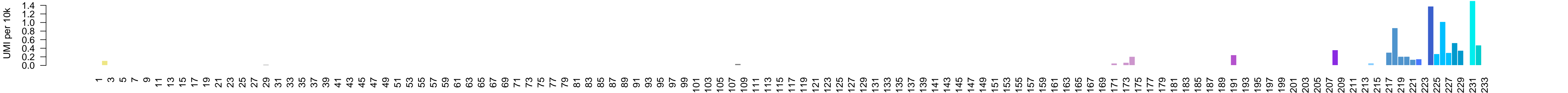
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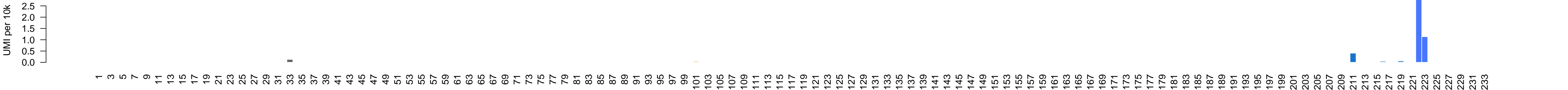
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HoiH23_PIH23_009278



ANF_receptor.HG2.3:like:GABBR1/GABBR2
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ANF_receptor.HG2.3:like:GABBR1/GABBR2
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HoiH23_PIH23_011072

UMI per 10k

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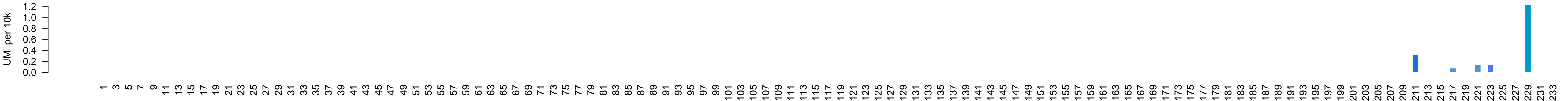
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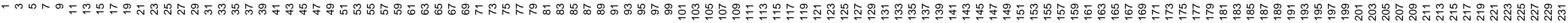
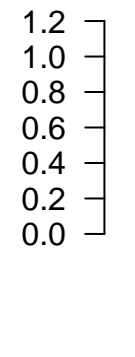
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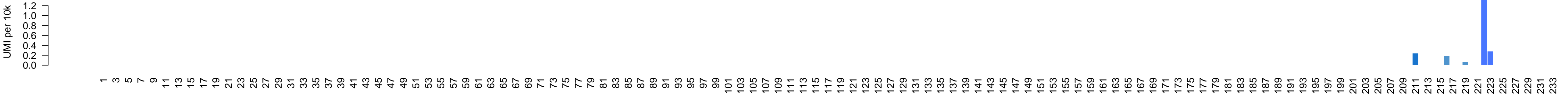


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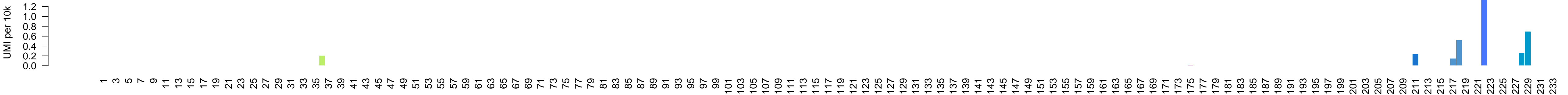
UMI per 10k



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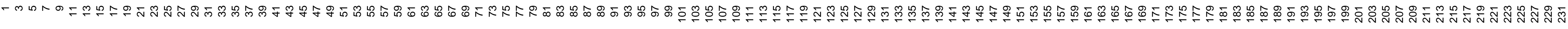
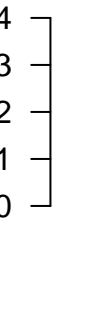


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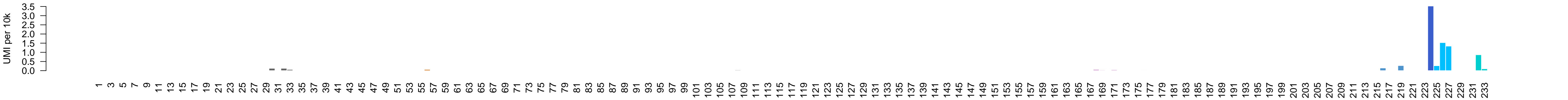


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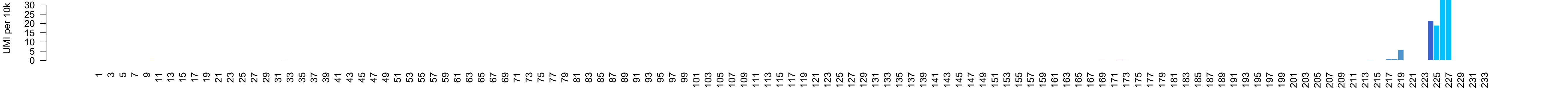
UMI per 10k



ANF_receptor.HG2.31:like:GABBR1/GABBR2
HoiH23_PIH23_003841



ANF_receptor.HG2.32:like:GABBR1/GABBR2
HoiH23_PIH23_003839

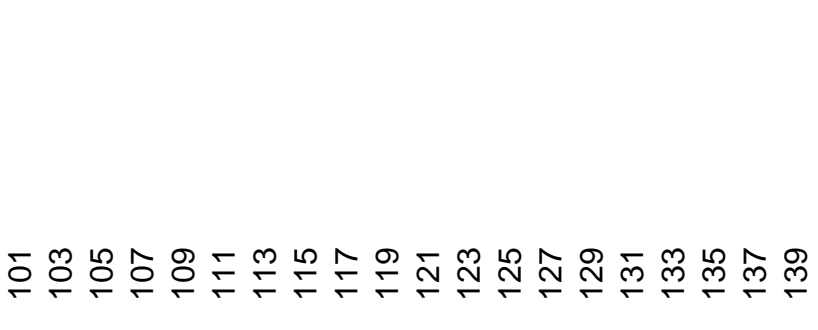


ANF_receptor.HG2.4:like:GABBR1/GABBR2
HoiH23_PIH23_008905

UMI per 10k

6
5
4
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



ANF_receptor.HG2.4:like:GABBR1/GABBR2
HoiH23_PIH23_008907

UMI per 10k

15
10
5
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

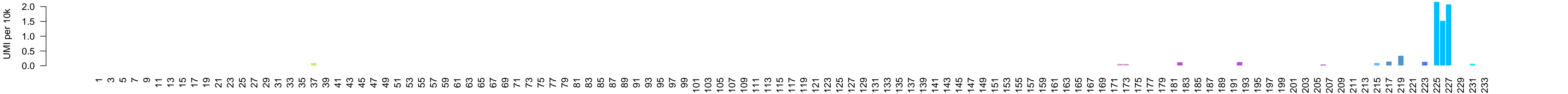
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5

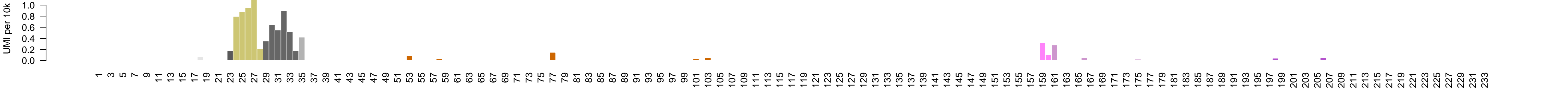
10

15

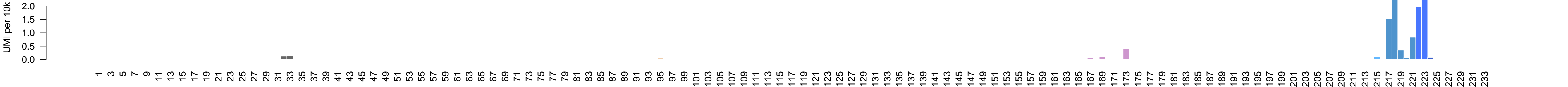
ANF_receptor.HG2.4:like:GABBR1/GABBR2
HoiH23_PIH23_008908



ANF_receptor.HG2.43:like:GABBR1/GABBR2
HoiH23_PIH23_003979



ANF_receptor.HG2.46:like:GABBR1/GABBR2
HoiH23_PIH23_003984



ANF_receptor.HG2.47:like:GABBR1/GABBR2
HoiH23_PIH23_004027

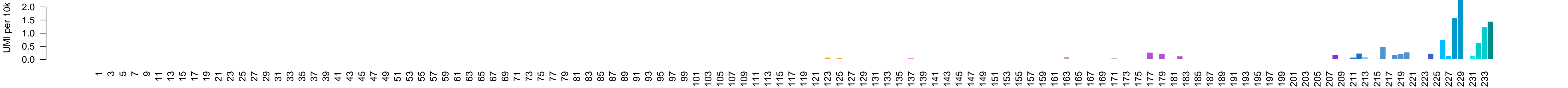
UMI per 10k

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1.5
1.0
0.5
0.0

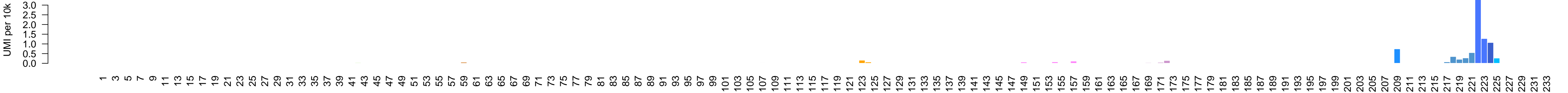
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ANF_receptor.HG2.47:like:GABBR1/GABBR2
HoiH23_PIH23_011312



ANF_receptor.HG2.49:like:GABBR1/GABBR2
HoiH23_PIH23_003982

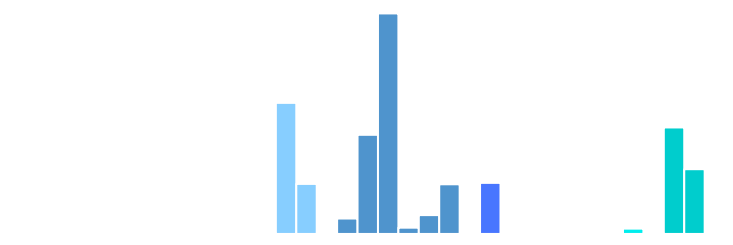


ANF_receptor.HG2.5:like:GABBR1/GABBR2
HoiH23_PIH23_000719

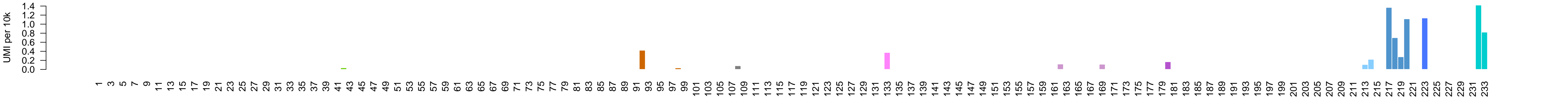
UMI per 10k

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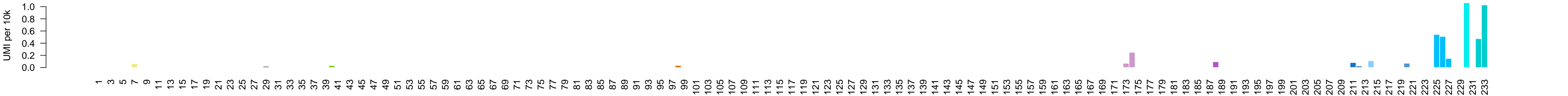
1 3 5 7 9 11 13 15 17 19 21 23 25 27 29 31 33 35 37 39 41 43 45 47 49 51 53 55 57 59 61 63 65 67 69 71 73 75 77 79 81 83 85 87 89 91 93 95 97 99 101 103 105 107 109 111 113 115 117 119 121 123 125 127 129 131 133 135 137 139 141 143 145 147 149 151 153 155 157 159 161 163 165 167 169 171 173 175 177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



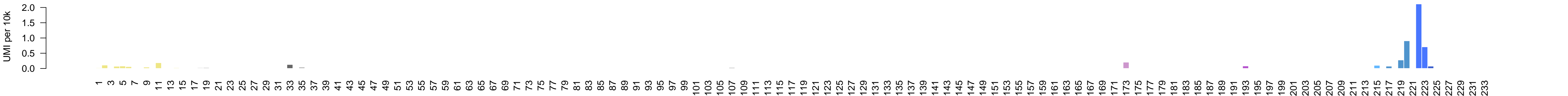
ANF_receptor.HG2.5:like:GABBR1/GABBR2
HoiH23_PIH23_000720



ANF_receptor.HG2.5:like:GABBR1/GABBR2
HoiH23_PIH23_004242



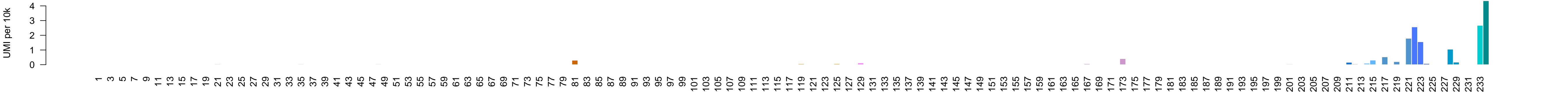
ANF_receptor.HG2.50:like:GABBR1/GABBR2
HoiH23_PIH23_003983



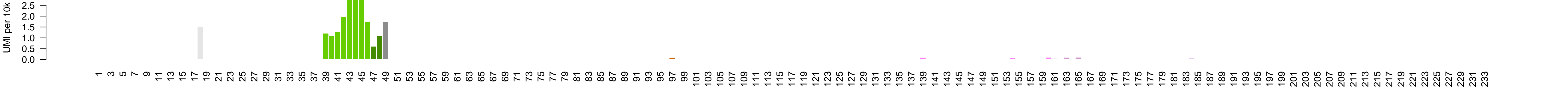
ANF_receptor.HG2.51:like:GABBR1/GABBR2
HoiH23_PIH23_004854



ANF_receptor.HG2.52:like:GABBR1/GABBR2
HoiH23_PIH23_011145



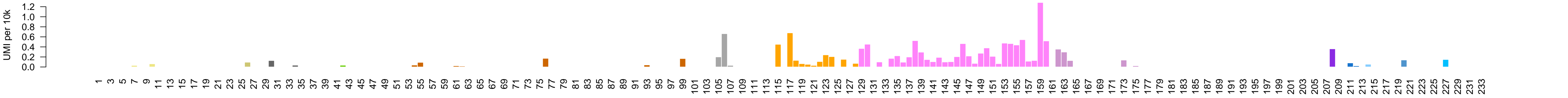
ANF_receptor.HG2.6:like:GABBR1/GABBR2
HoiH23_PIH23_003953



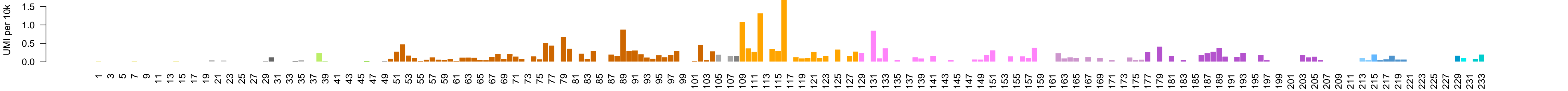
ANF_receptor.HG3.3:like:GRIN1/GRIN2A/GRIN2B/GRIN2C/GRIN2D
HoiH23_PIH23_000801

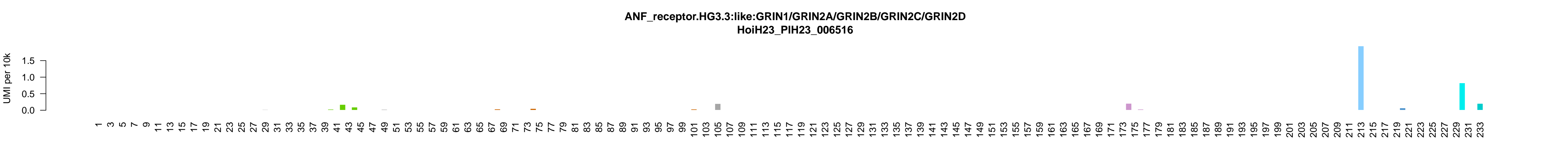


ANF_receptor.HG3.3:like:GRIN1/GRIN2A/GRIN2B/GRIN2C/GRIN2D
HoiH23_PIH23_000803

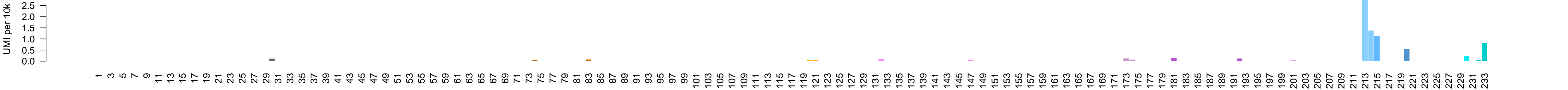


ANF_receptor.HG3.3:like:GRIN1/GRIN2A/GRIN2B/GRIN2C/GRIN2D
HoiH23_PIH23_005700



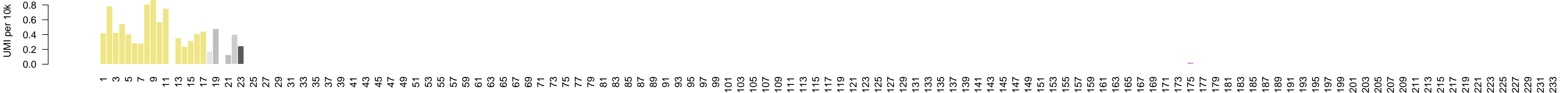


ANF_receptor.HG3.3:like:GRIN1/GRIN2A/GRIN2B/GRIN2C/GRIN2D
HoiH23_PIH23_006517

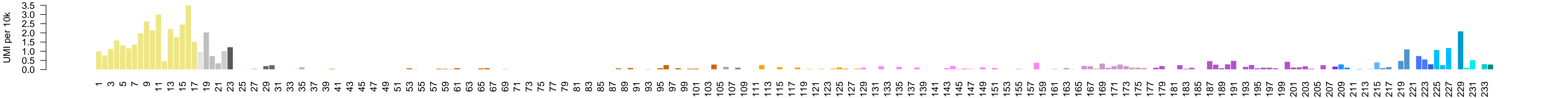


ANF_receptor.HG3.4:like:GRIA1/GRIA2/GRIA3/GRIA4/GRIK1/GRIK2/GRIK3/GRIK4/GRIK5

HoiH23_PIH23_007108

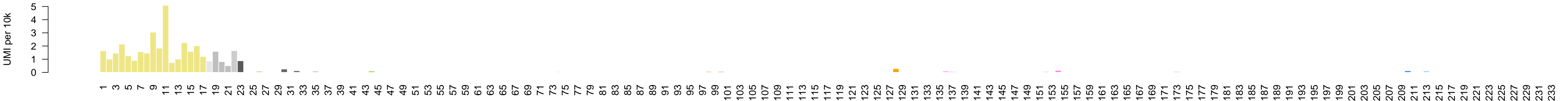


ANF_receptor.HG3.4:like:GRIA1/GRIA2/GRIA3/GRIA4/GRIK1/GRIK2/GRIK3/GRIK4/GRIK5
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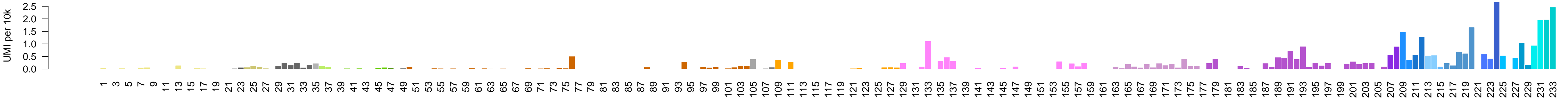


ANF_receptor.HG3.4:like:GRIA1/GRIA2/GRIA3/GRIA4/GRIK1/GRIK2/GRIK3/GRIK4/GRIK5

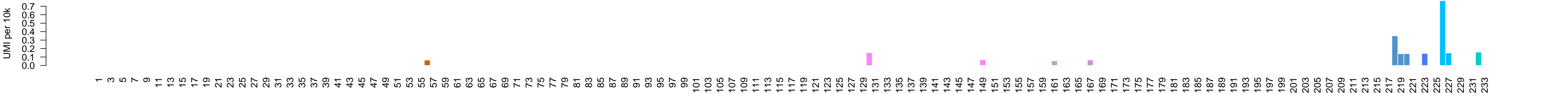
HoiH23_PIH23_011441



ANF_receptor.HG4.6:like:GUCY2D/GUCY2F/NPR1/NPR2/NPR3
HoiH23_PIH23_003833



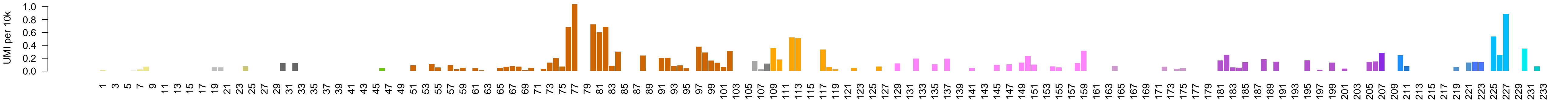
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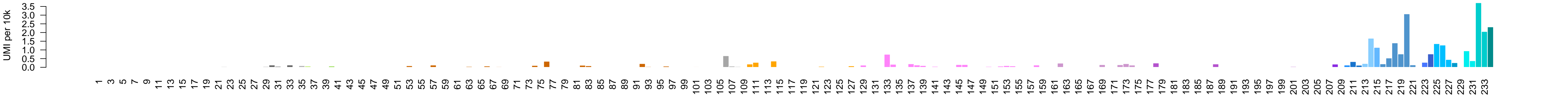
ANF_receptor.HG4.6:like:GUCY2D/GUCY2F/NPR1/NPR2/NPR3
HoiH23_PIH23_009783



ANF_receptor.HG4.9:like:GUCY2D/GUCY2F/NPR1/NPR2/NPR3
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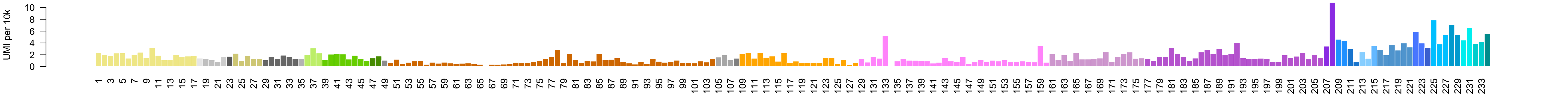


ANF_receptor.HG4.9:like:GUCY2D/GUCY2F/NPR1/NPR2/NPR3
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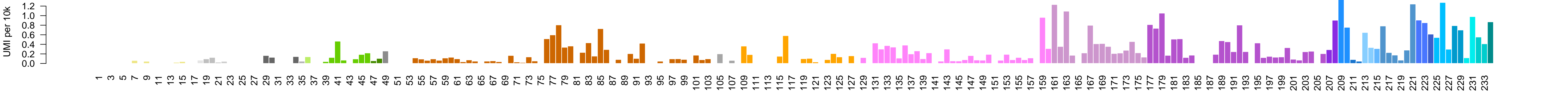


CaMKII.HG1.1:CAMK2A/CAMK2B/CAMK2D/CAMK2G

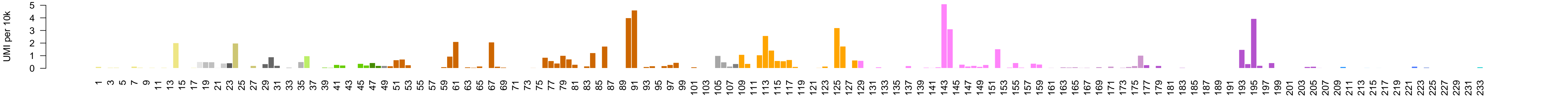
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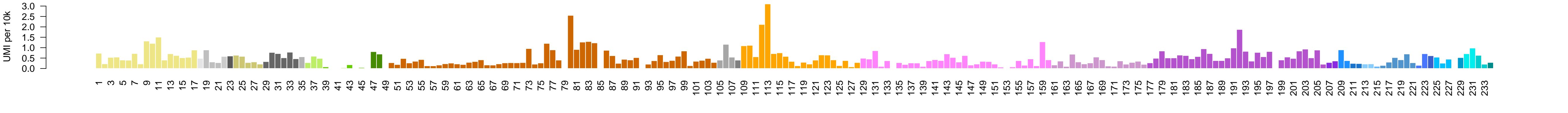
Caps.HG1.1:UNC13A/UNC13B/UNC13C;Synaptotagmin.HG1.66:UNC13A/UNC13C;Unc13.HG1.1:UNC13A/UNC13B/UNC13C
HoiH23_PIH23_000900



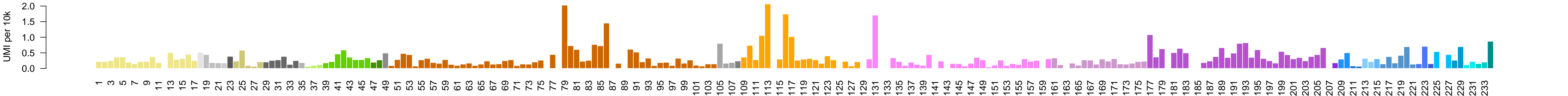
Citron.HG1.0:CIT
HoiH23_PIH23_006759



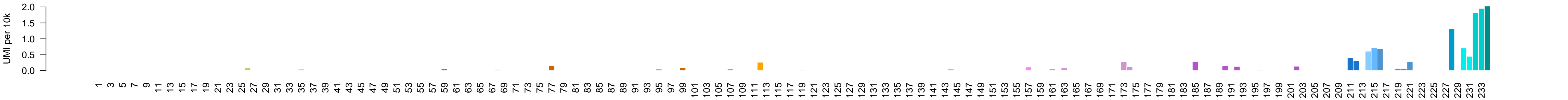
Citron.HG1.1: CDC42BPA/CDC42BPB/CDC42BPG
HoiH23_PIH23_001823



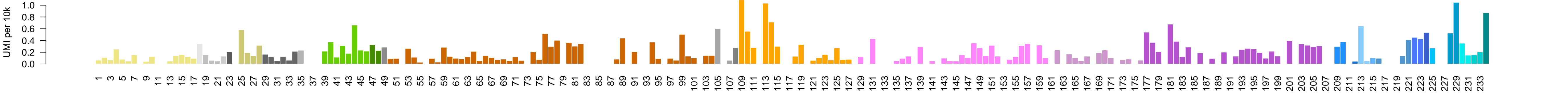
Citron.HG1.3:MAP4K4/MINK1/TNIK
HoiH23_PIH23_009505



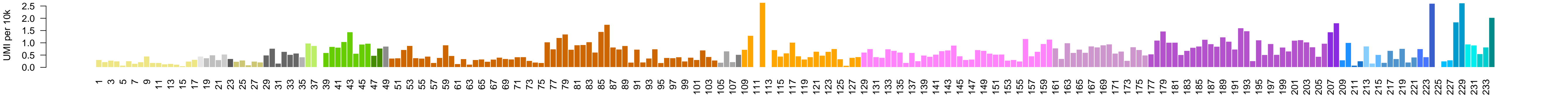
Citron.HG1.4:GARNL3
HoiH23_PIH23_006555



Citron.HG1.6:VPS39
HoiH23_PIH23_001830



Citron.HG2.0:MAP4K1/MAP4K2/MAP4K3/MAP4K5
HoiH23_PIH23_004028

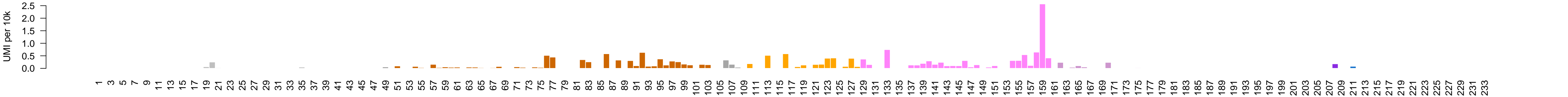


COesterase.HG1.16:like:ACHE/BCHE/CEL/CES1/CES2/CES3/CES4A/CES5A/TG

HoiH23_PIH23_007479



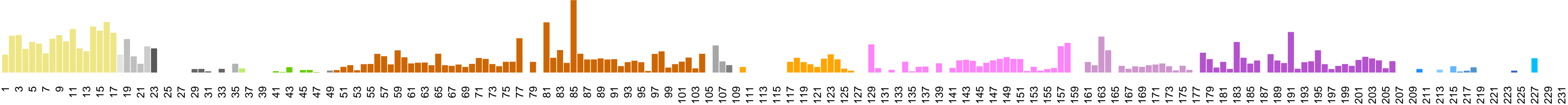
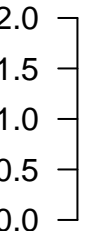
COesterase.HG1.16:like:ACHE/BCHE/CEL/CES1/CES2/CES3/CES4A/CES5A/TG
HoiH23_PIH23_009792



COesterase.HG1.16:like:ACHE/BCHE/CEL/CES1/CES2/CES3/CES4A/CES5A/TG

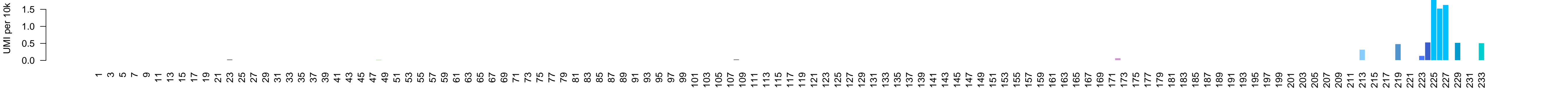
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UMI per 10k

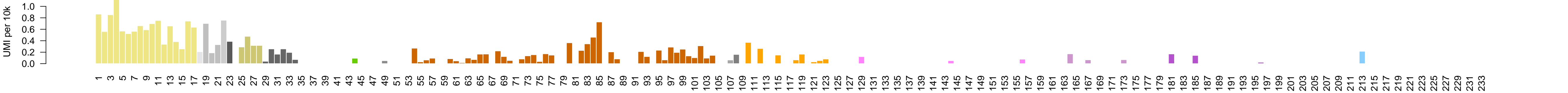


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HoiH23_PIH23_010957

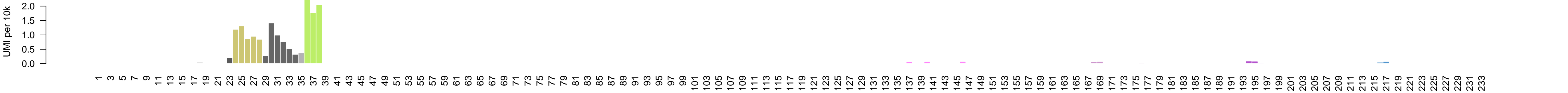


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HoiH23_PIH23_010958



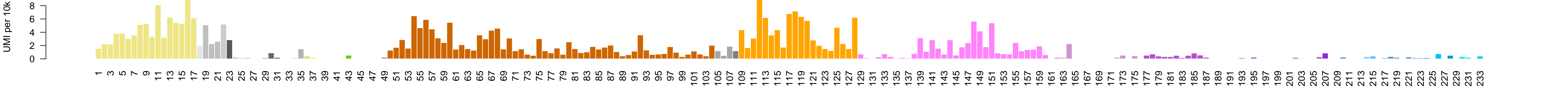
COesterase.HG1.16:like:ACHE/BCHE/CEL/CES1/CES2/CES3/CES4A/CES5A/TG

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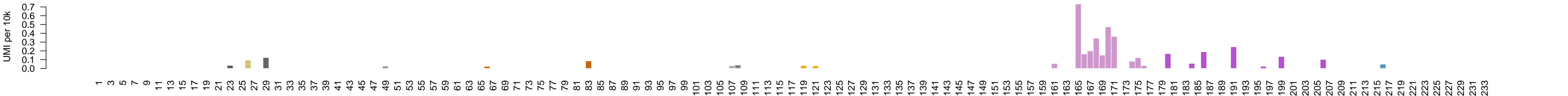
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HoiH23_PIH23_011316

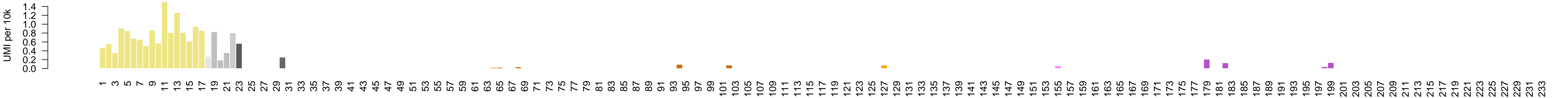


COesterase.HG1.16:like:ACHE/BCHE/CEL/CES1/CES2/CES3/CES4A/CES5A/TG

HoiH23_PIH23_011317



COesterase.HG1.16:like:ACHE/BCHE/CEL/CES1/CES2/CES3/CES4A/CES5A/TG
HoiH23_PIH23_011318



COesterase.HG1.16:like:ACHE/BCHE/CEL/CES1/CES2/CES3/CES4A/CES5A/TG

HoiH23_PIH23_011319

UMI per 10k

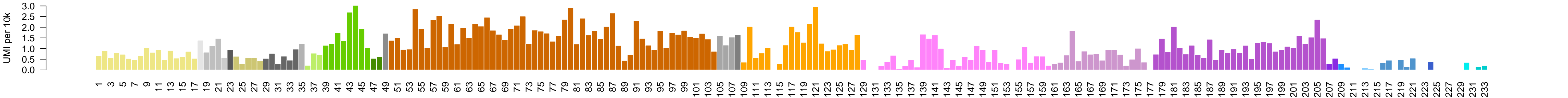
4
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1 3 5 7 9 11 13 15 17 19 21 23 25 27 29 31 33 35 37 39 41 43 45 47 49 51 53 55 57 59 61 63 65 67 69 71 73 75 77 79 81 83 85 87 89 91 93 95 97 99 101 103 105 107 109 111 113 115 117 119 121 123 125 127 129 131 133 135 137 139 141 143 145 147 149 151 153 155 157 159 161 163 165 167 169 171 173 175 177 179 181 183 185 187 189 191 193 195 197 199 201 203 205 207 209 211 213 215 217 219 221 223 225 227 229 231 233



COesterase.HG1.16:like:ACHE/BCHE/CEL/CES1/CES2/CES3/CES4A/CES5A/TG

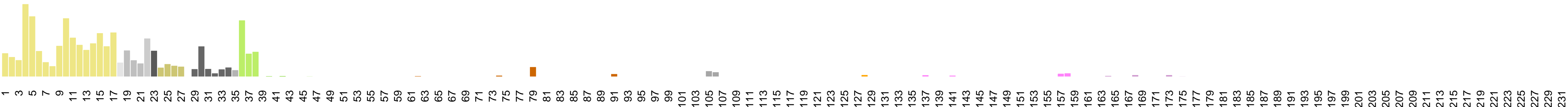
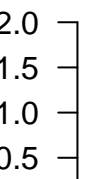
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COesterase.HG1.16:like:ACHE/BCHE/CEL/CES1/CES2/CES3/CES4A/CES5A/TG

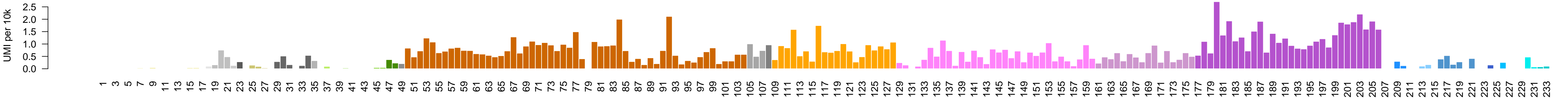
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UMI per 10k



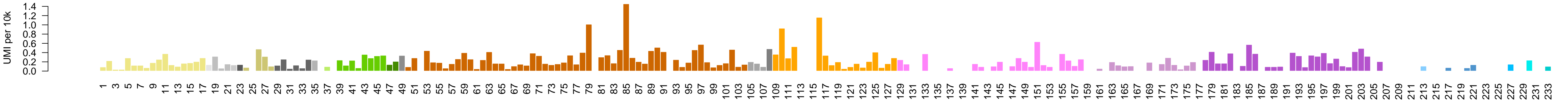
COesterase.HG1.16:like:ACHE/BCHE/CEL/CES1/CES2/CES3/CES4A/CES5A/TG

HoiH23_PIH23_011466

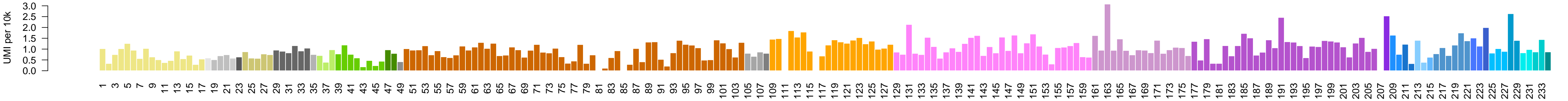


COesterase.HG1.16:like:ACHE/BCHE/CEL/CES1/CES2/CES3/CES4A/CES5A/TG

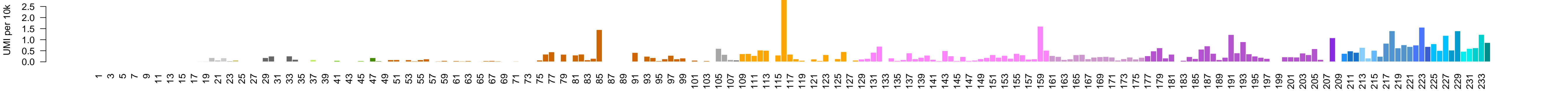
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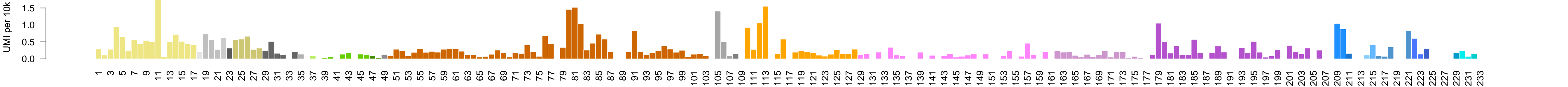
Cript.HG1.0:CRIP
HoiH23_PIH23_000418



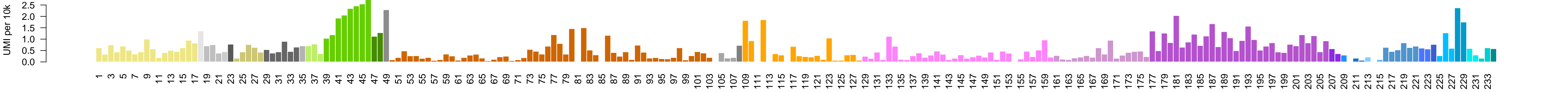
FERM_M.HG1.1:like:MYO10/PLEKHH1/PLEKHH2/PLEKHH3
HoiH23_PIH23_008305



FERM_M.HG1.14:like:MYO7A/MYO7B
HoiH23_PIH23_005020

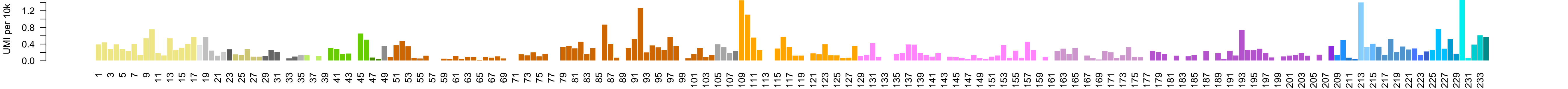


FERM_M.HG1.18:TLN1/TLN2
HoiH23_PIH23_000825

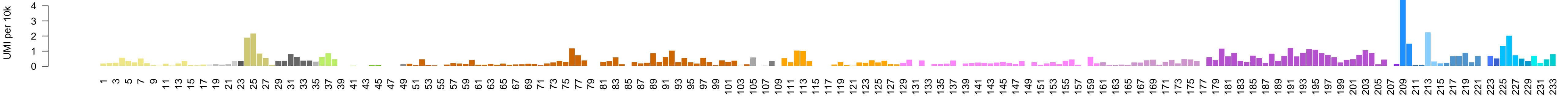


FERM_M.HG1.22:PTPN14/PTPN21;Y_phosphatase.HG1.37:PTPN14/PTPN21

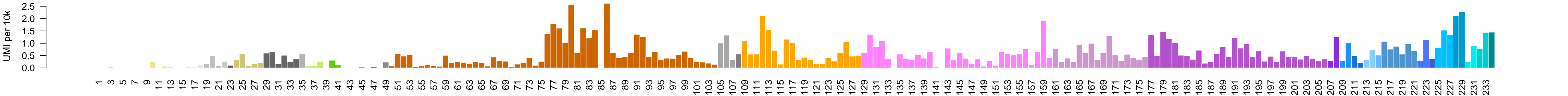
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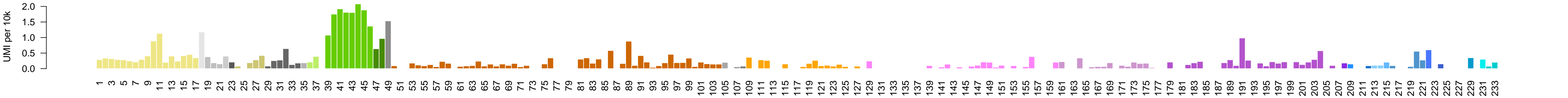
FERM_M.HG1.24:FRMD1/FRMD6/FRMPD2/PTPN13
HoiH23_PIH23_006873



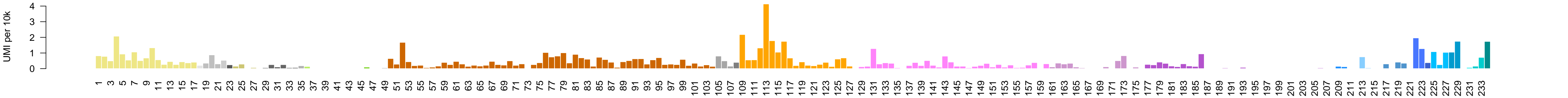
FERM_M.HG1.24:FRMD1/FRMD6/FRMPD2/PTPN13;Y_phosphatase.HG1.21:PTPN13/PTPN20
HoiH23_PIH23_008213



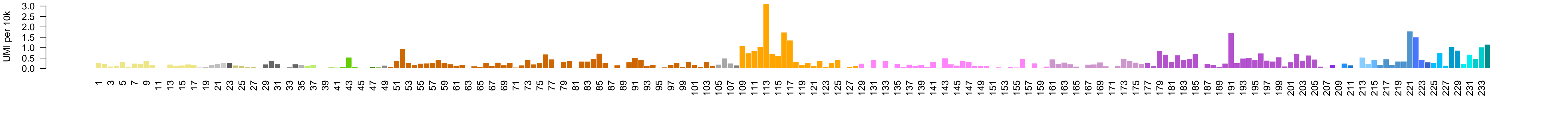
FERM_M.HG1.26:FERMT1/FERMT2/FERMT3
HoiH23_PIH23_007539



FERM_M.HG1.3:PLEKHH1/PLEKHH2
HoiH23_PIH23_009708

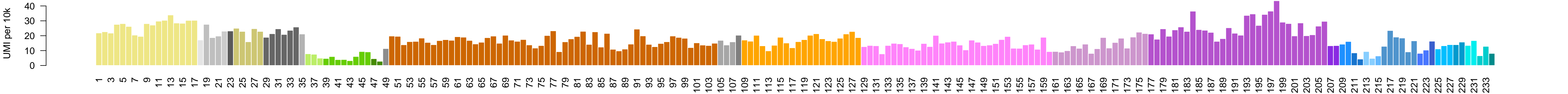


FERM_M.HG1.30:FRMD4A/FRMD4B
HoiH23_PIH23_006261



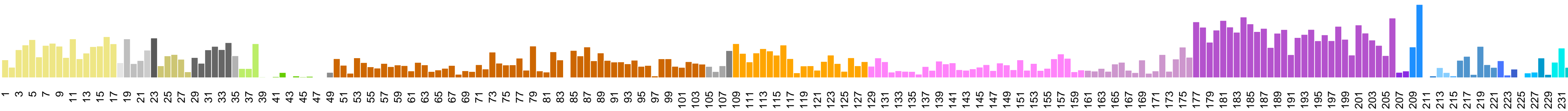
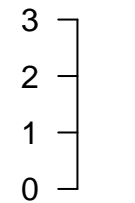
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HoiH23_PIH23_001116



FERM_M.HG1.32:EPB41/EPB41L1/EPB41L2/EPB41L3/EPB41L4A/EPB41L4B/EPB41L5/FARP1/FARP2/FRMD3/FRMD5/FRMD7/PTPN3/PTPN4
HoiH23_PIH23_002477

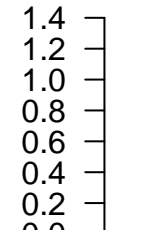
UMI per 10k



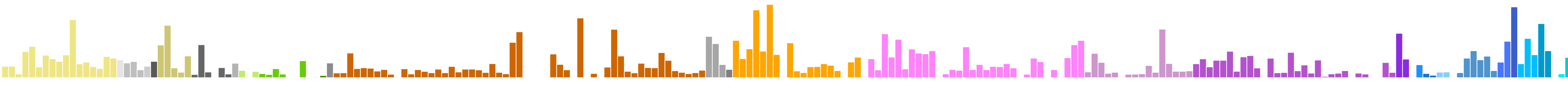
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HoiH23_PIH23_004814

UMI per 10k



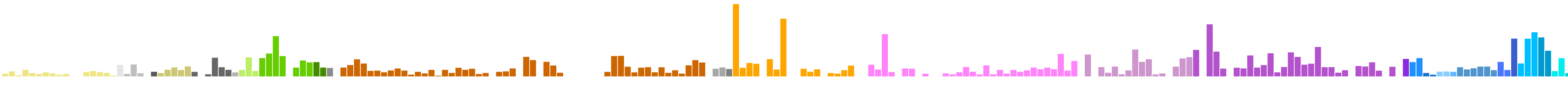
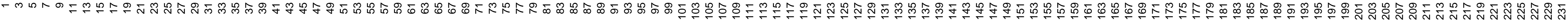
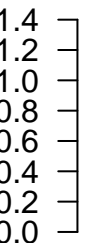
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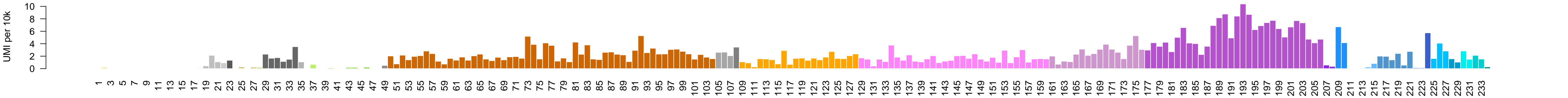
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HoiH23_PIH23_001336

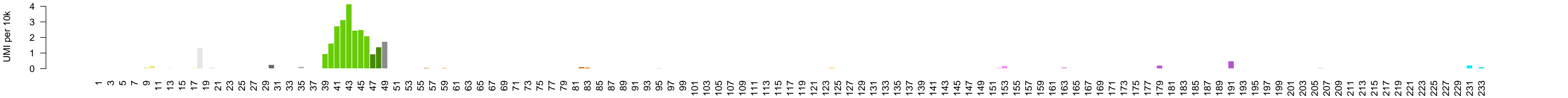
UMI per 10k



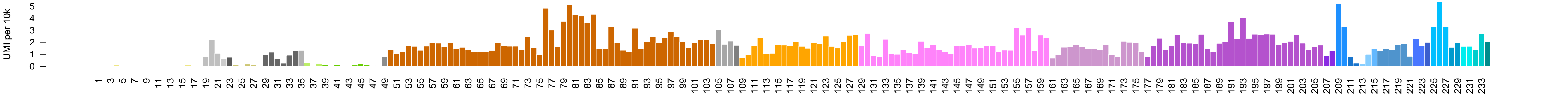
FERM_M.HG1.33:like:EZR/MSN/NF2/RDX
HoiH23_PIH23_005869



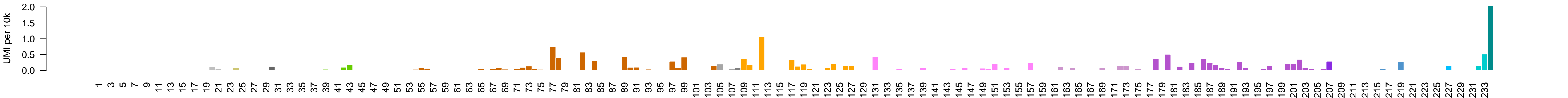
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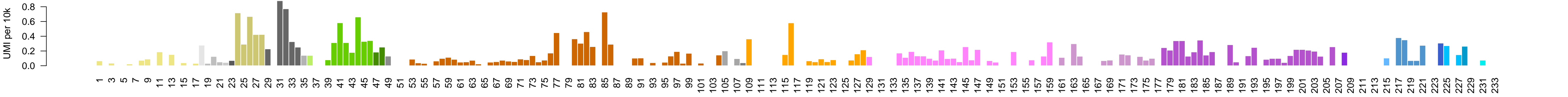
FERM_M.HG1.40:EZR/MSN/RDX
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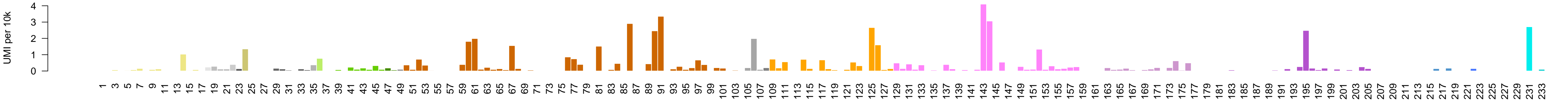
FERM_M.HG1.7:like:FERMT1/FERMT2/FERMT3/TLN1/TLN2
HoiH23_PIH23_001224



FERM_M.HG2.1:FRMPD1/FRMPD3/FRMPD4
HoiH23_PIH23_010160

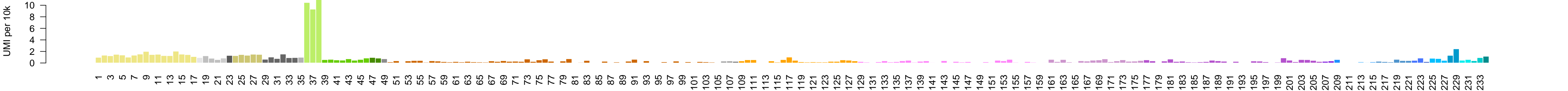


GKAP.HG1.0:DLGAP5
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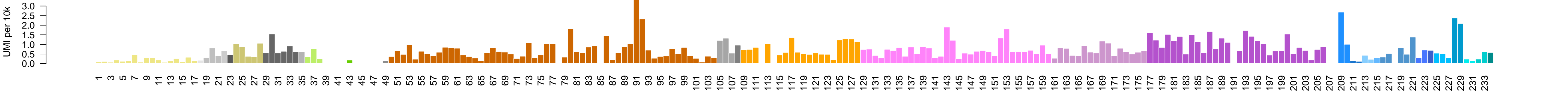


GKAP.HG1.1:DLGAP1/DLGAP2/DLGAP3/DLGAP4

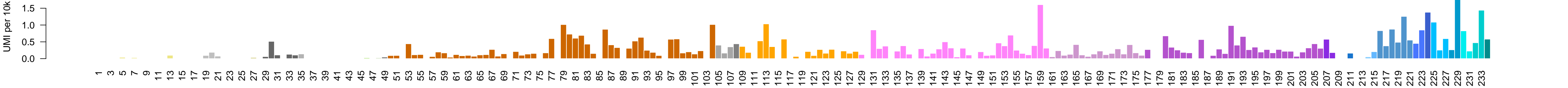
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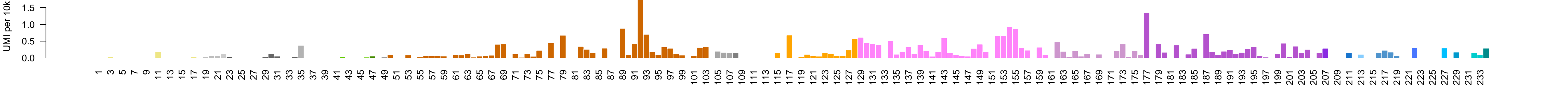
Guanylate_kin.HG1.0:MAGI1/MAGI2/MAGI3
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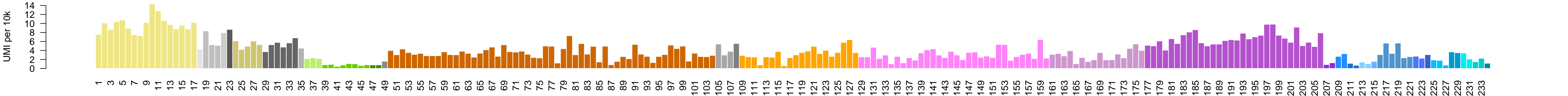
Guanylate_kin.HG1.10:like:GUK1/LRGUK
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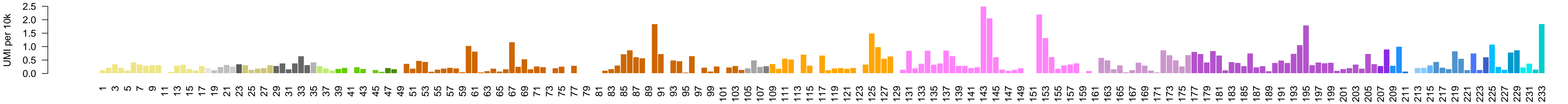
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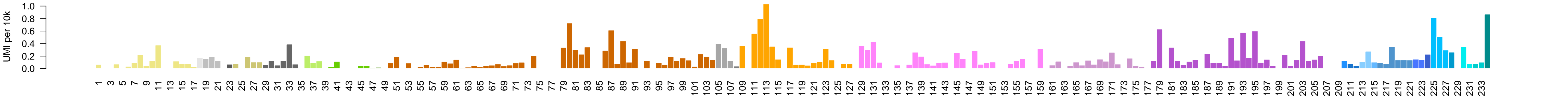
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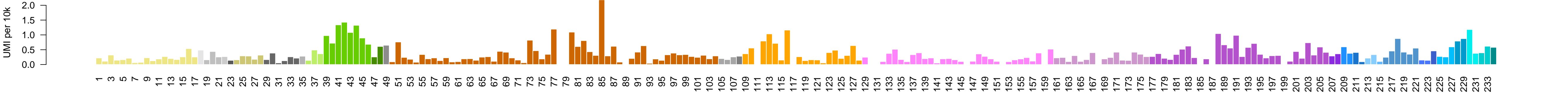
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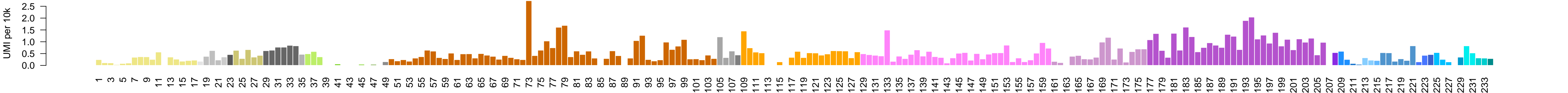
Guanylate_kin.HG1.2:like:AL358113.1/CASK/DLG1/DLG2/DLG3/DLG4/DLG5/GUK1/LRGUK/MPP1/MPP2/MPP3/MPP4/MPP5/MPP6/MPP7/TJP1/TJP2/TJP3;PDZ.HG2.11:MPP5
HoiH23_PIH23_004276



Guanylate_kin.HG1.20:CASK/MPP1;PDZ.HG2.8:CASK
HoiH23_PIH23_009533



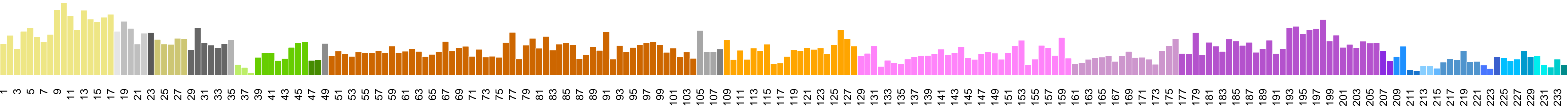
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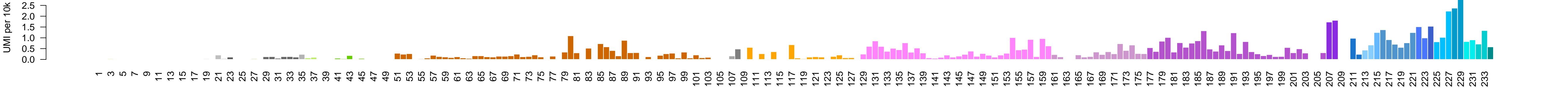
Guanylate_kin.HG1.9:like:CASK/MPP1/MPP2/MPP6;PDZ.HG2.5:MPP2/MPP6
HoiH23_PIH23_002191

UMI per 10k

15
10
5
0

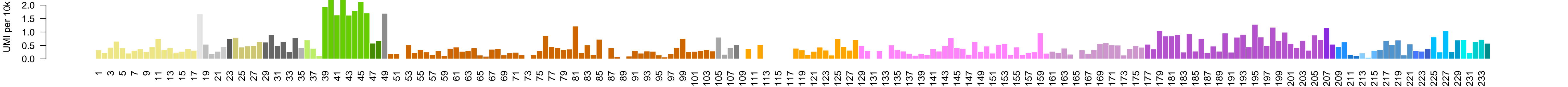


Guanylate_kin.HG2.0:CACNB1/CACNB2/CACNB3/CACNB4
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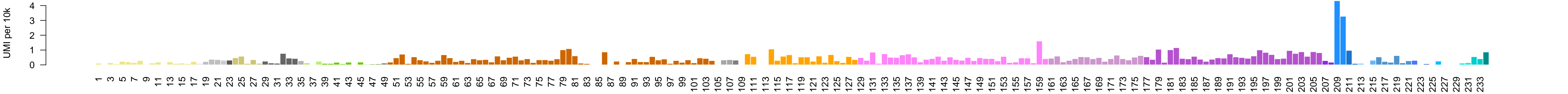


Homer.HG1.1:ENAH/EVL/SPRED1/SPRED2/SPRED3/VASP

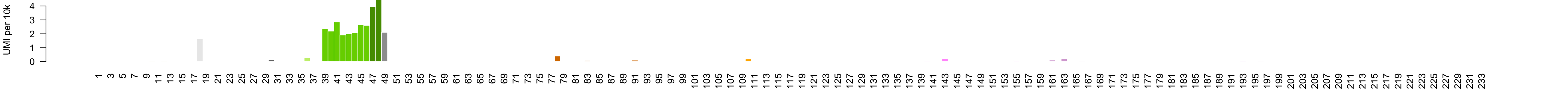
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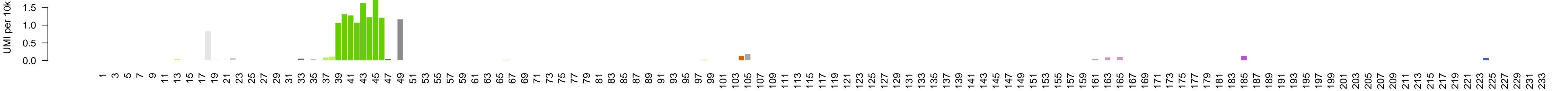
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HoiH23_PIH23_000540



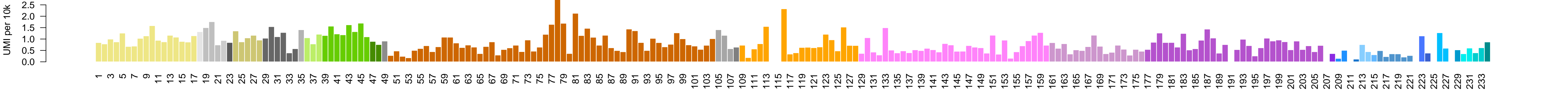
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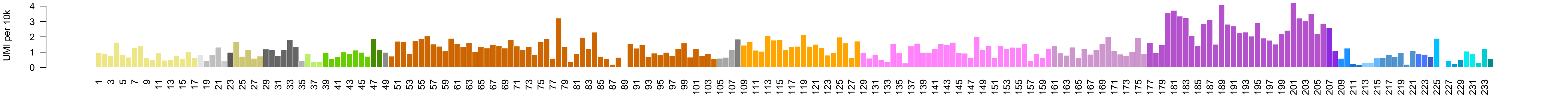
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HoiH23_PIH23_001282



Homer.HG1.9:WAS/WASL
HoiH23_PIH23_001284



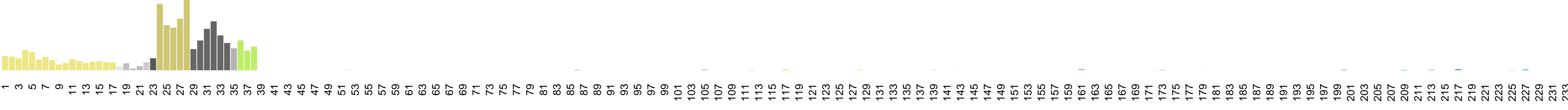
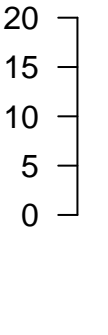
MARVEL.HG1.13:SYNPR/SYP/SYPL1/SYPL2
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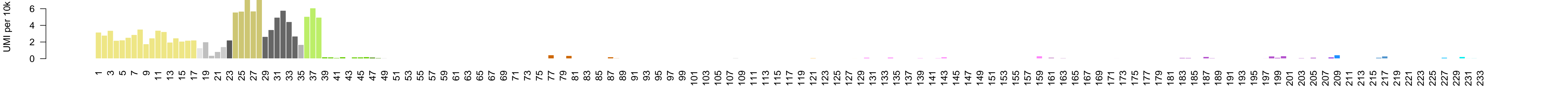
MARVEL.HG1.7:like:OCLN/SYNPR/SYP/SYPL1/SYPL2

HoiH23_PIH23_003312

UMI per 10k

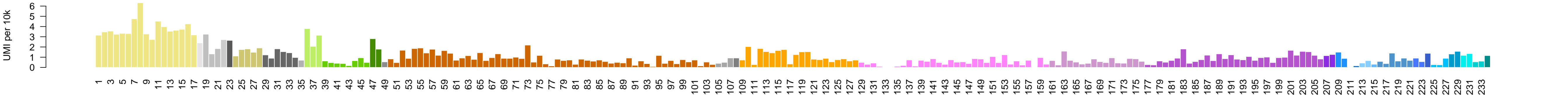


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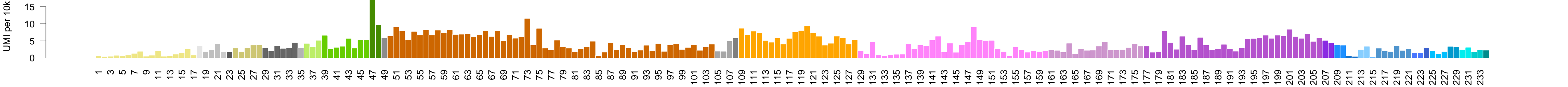


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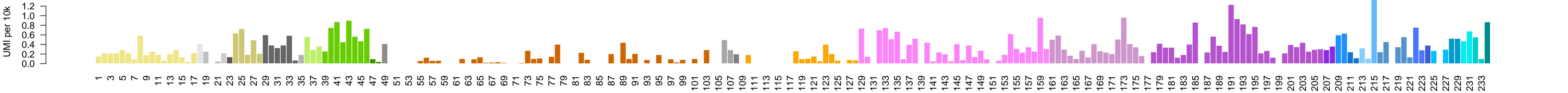
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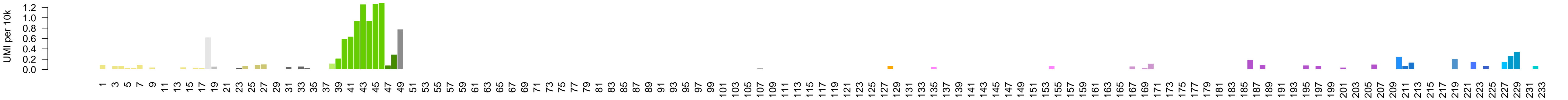
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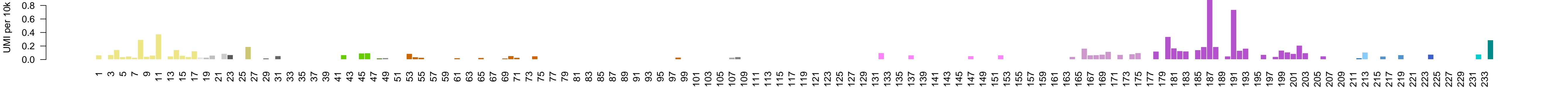
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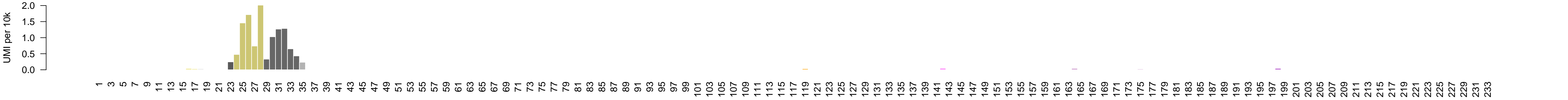
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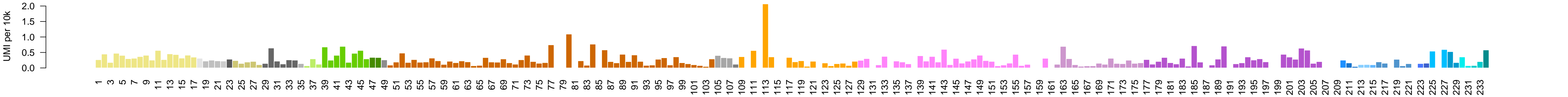
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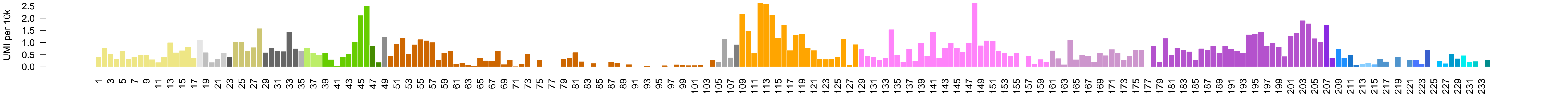
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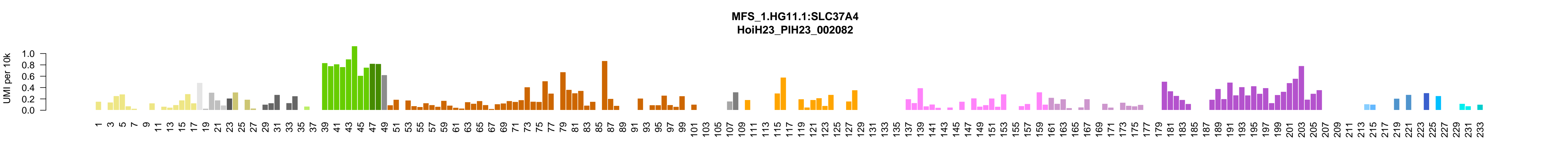


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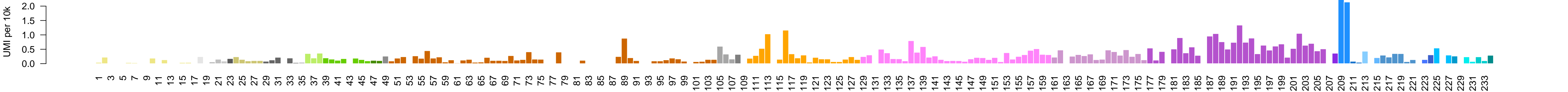


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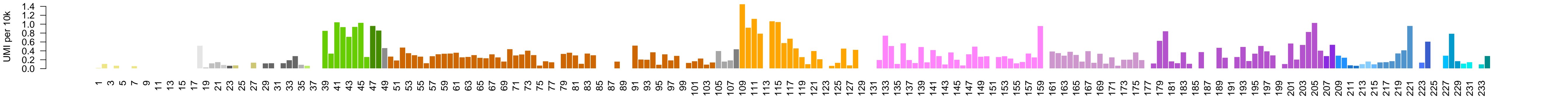




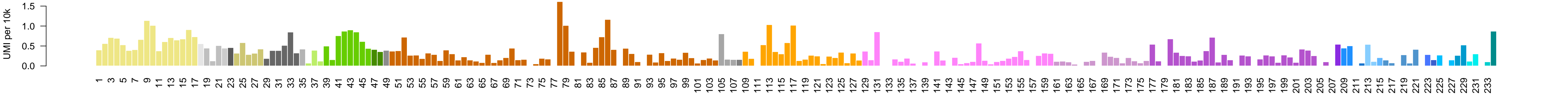
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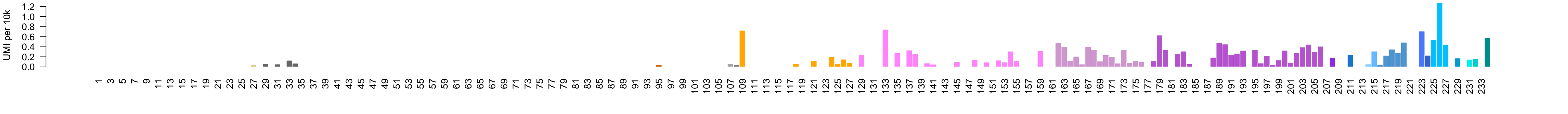
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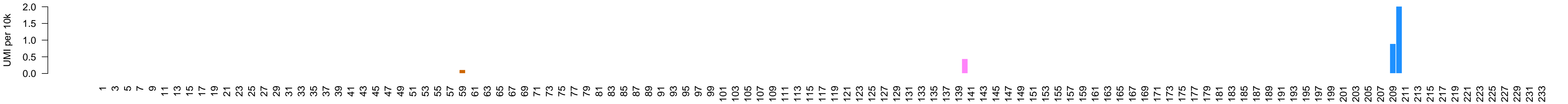
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UMI per 10k

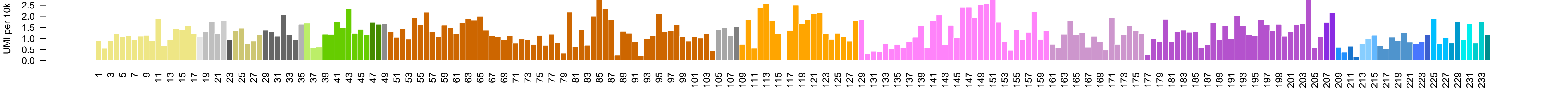
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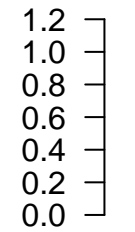
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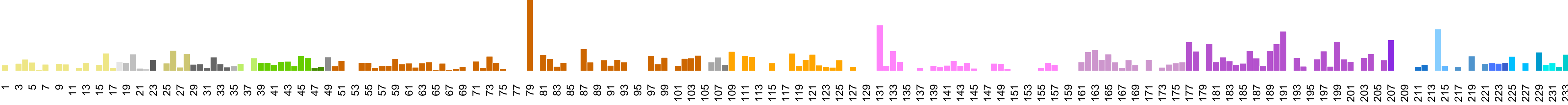


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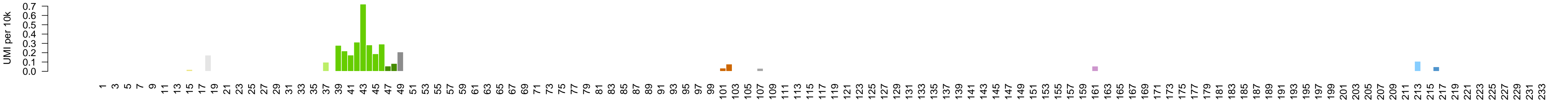
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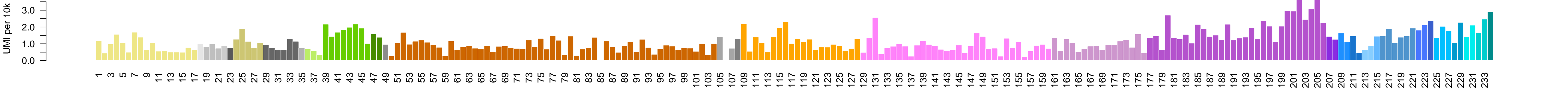
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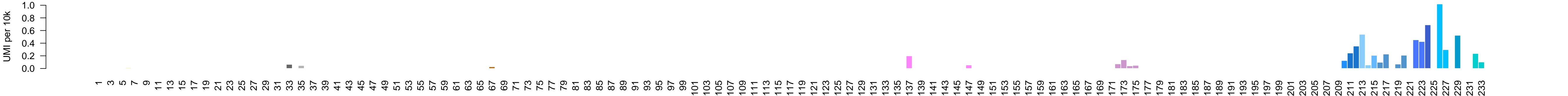
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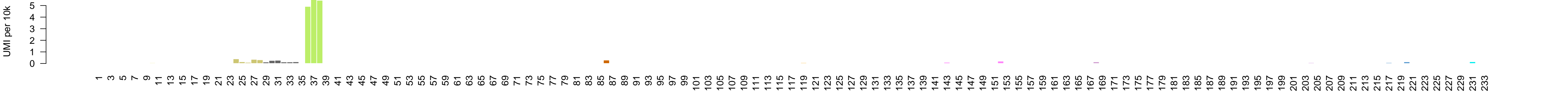
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HoiH23_PIH23_000094



MFS_1.HG15.1:SLC45A1/SLC45A2/SLC45A3
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MFS_1.HG15.1:SLC45A1/SLC45A2/SLC45A3
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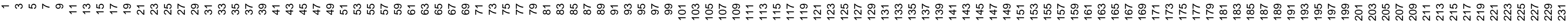
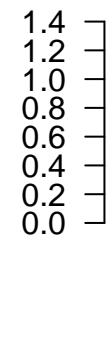


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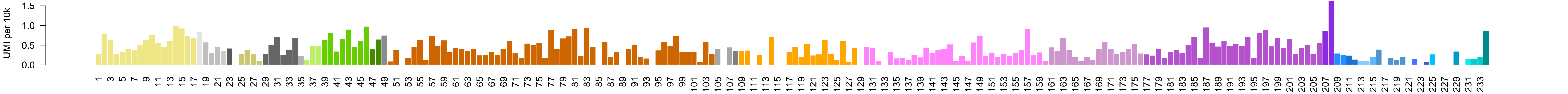


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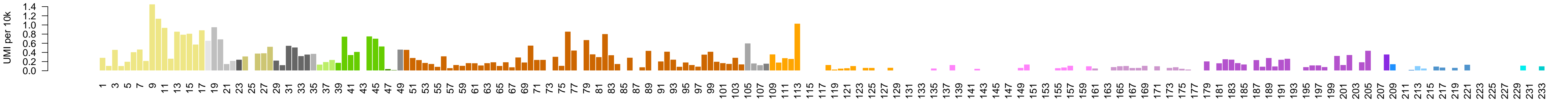
UMI per 10k



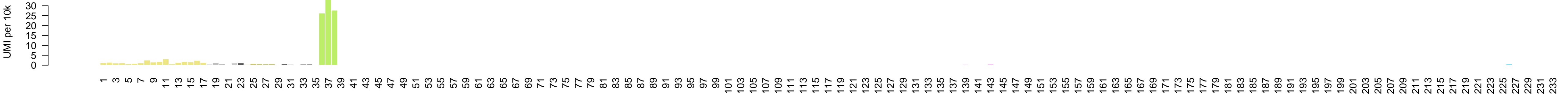
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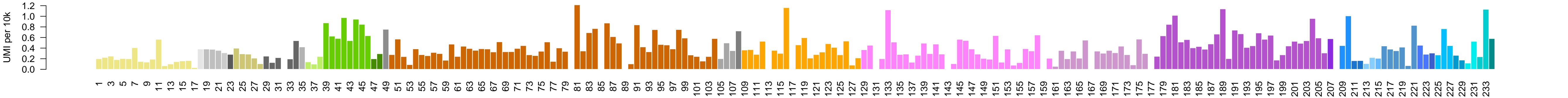
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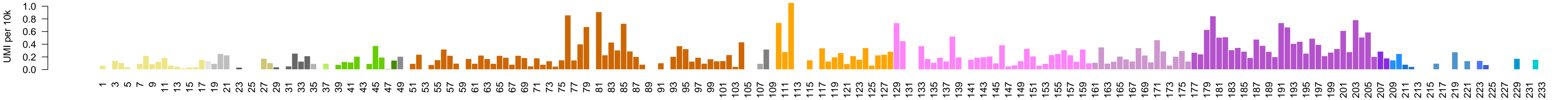
MFS_1.HG15.1:SLC45A1/SLC45A2/SLC45A3
HoiH23_PIH23_009560



MFS_1.HG16.0:MFSD1;Sugar_tr.HG12.0:NA
HoiH23_PIH23_010560

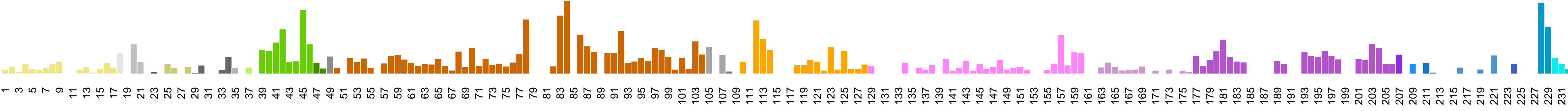


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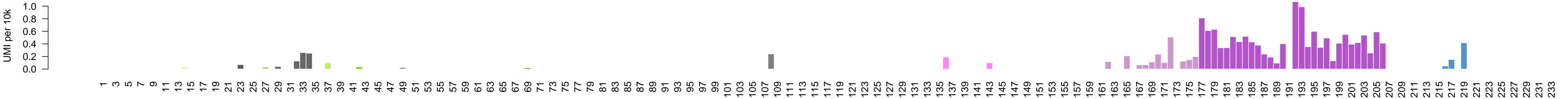


UMI per 10k

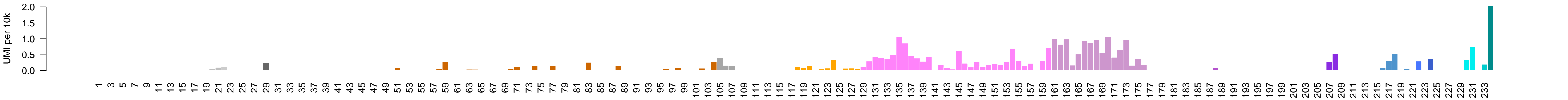
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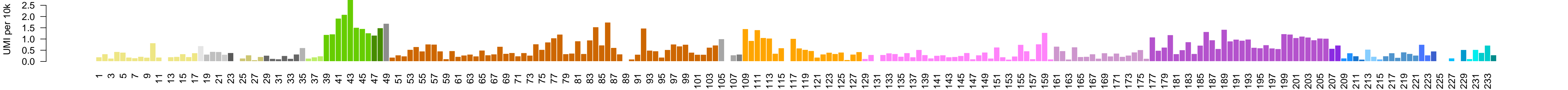
MFS_1.HG3.24:like:SV2A/SV2B/SV2C;Sugar_tr.HG2.48:like:SV2A/SV2B/SV2C
HoiH23_PIH23_003948



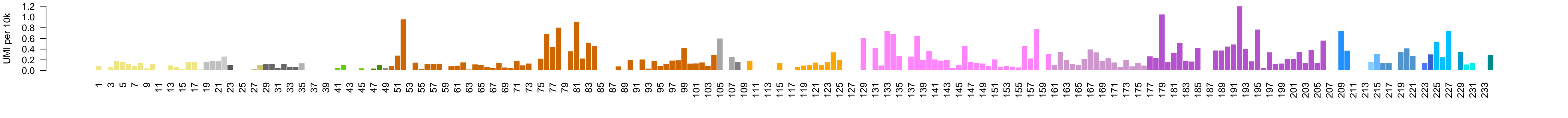
MFS_1.HG3.27:like:SV2A/SV2B/SV2C;Sugar_tr.HG2.36:like:SV2A/SV2B/SV2C
HoiH23_PIH23_002324



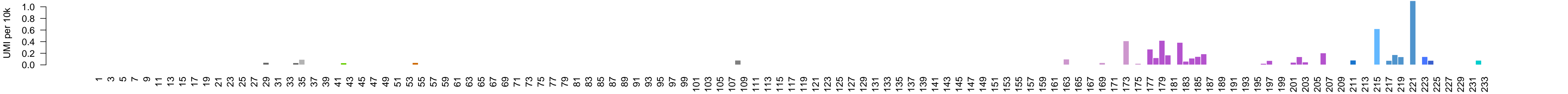
MFS_1.HG3.3:SV2A/SV2B/SV2C;Sugar_tr.HG2.26:like:SV2A/SV2B/SV2C
HoiH23_PIH23_005705



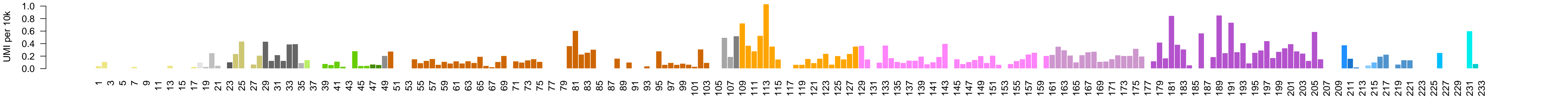
MFS_1.HG3.38:SVOP/SVOPL;Sugar_tr.HG2.59:SVOP
HoiH23_PIH23_007969



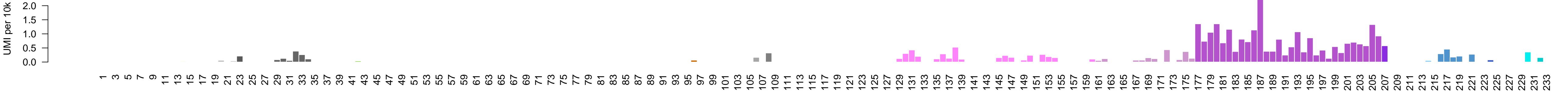
MFS_1.HG3.38:SVOP/SVOPL;Sugar_tr.HG2.59:SVOP
HoiH23_PIH23_009229



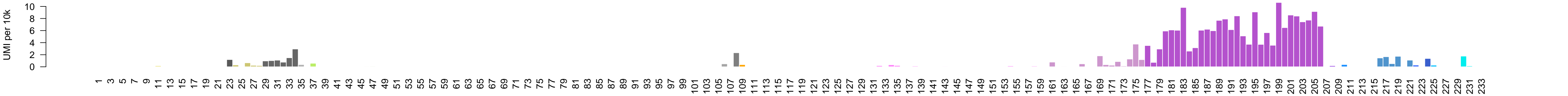
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HoiH23_PIH23_009231



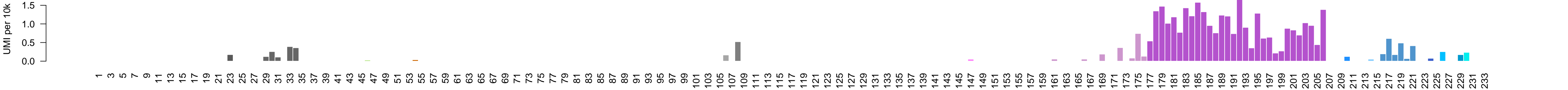
MFS_1.HG3.39:like:SV2A/SV2B/SV2C;Sugar_tr.HG2.56:like:SV2A/SV2B/SV2C
HoiH23_PIH23_010463



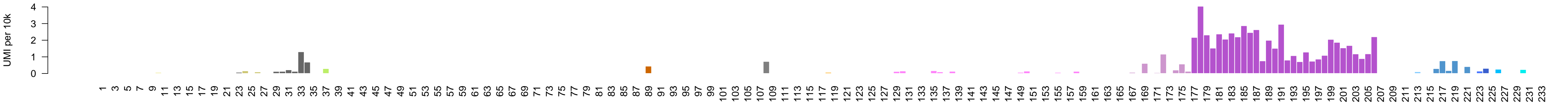
MFS_1.HG3.43:like:SV2A/SV2B/SV2C;Sugar_tr.HG2.50:like:SV2A/SV2B/SV2C
HoiH23_PIH23_010464



MFS_1.HG3.43:like:SV2A/SV2B/SV2C;Sugar_tr.HG2.50:like:SV2A/SV2B/SV2C
HoiH23_PIH23_010465



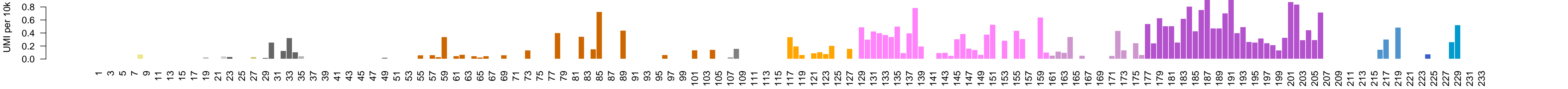
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HoiH23_PIH23_010451



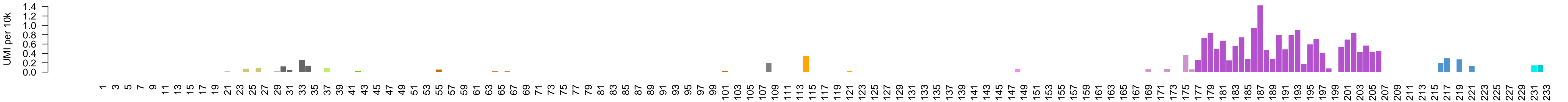
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HoiH23_PIH23_011095



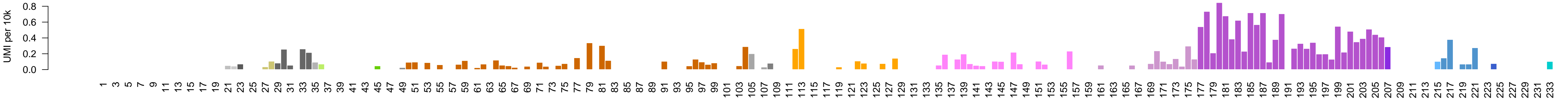
MFS_1.HG3.49:like:SV2A/SV2B/SV2C;
Sugar_tr.HG2.62:like:SV2A/SV2B/SV2C
HoiH23_PIH23_011096



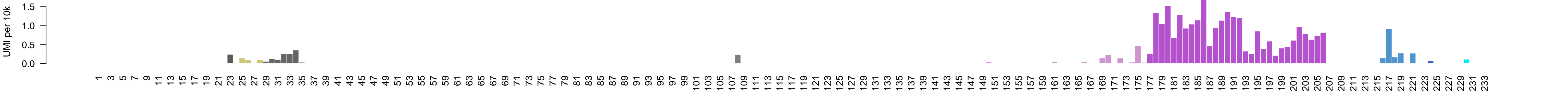
MFS_1.HG3.49:like:SV2A/SV2B/SV2C;Sugar_tr.HG2.62:like:SV2A/SV2B/SV2C
HoiH23_PIH23_011098



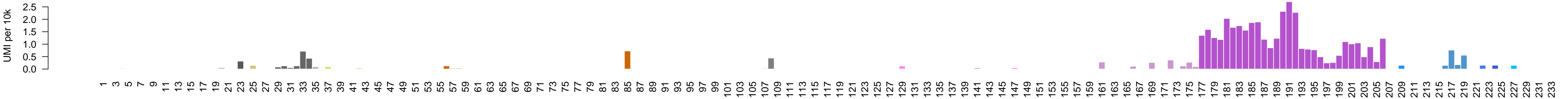
MFS_1.HG3.53:like:SV2A/SV2B/SV2C;Sugar_tr.HG2.63:like:SV2A/SV2B/SV2C
HoiH23_PIH23_011100



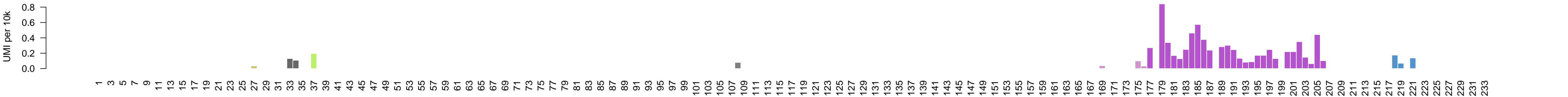
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HoiH23_PIH23_011102



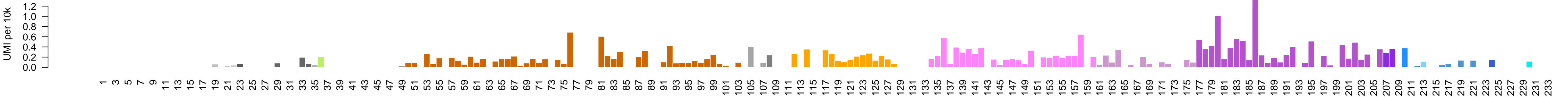
MFS_1.HG3.53:like:SV2A/SV2B/SV2C;Sugar_tr.HG2.63:like:SV2A/SV2B/SV2C
HoiH23_PIH23_011553



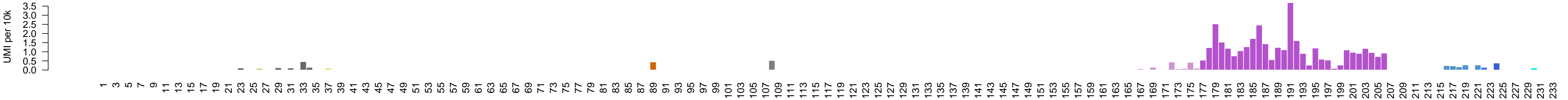
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HoiH23_PIH23_011554



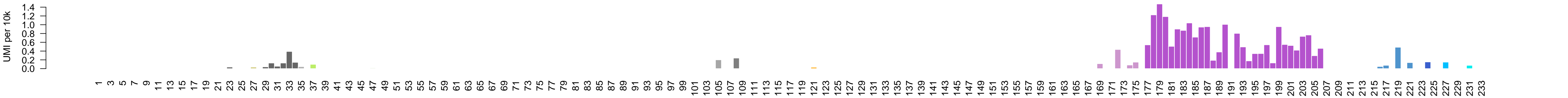
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HoiH23_PIH23_011555



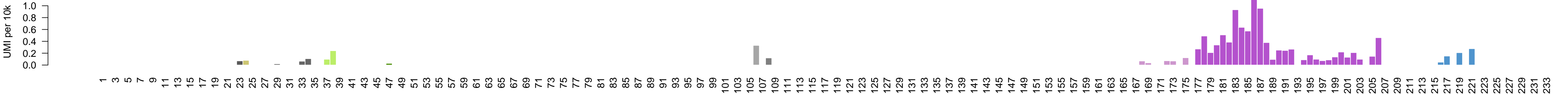
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HoiH23_PIH23_011556



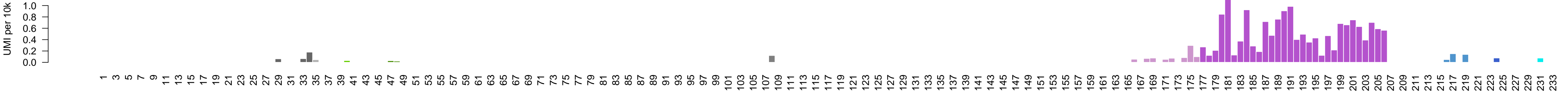
MFS_1.HG3.53:like:SV2A/SV2B/SV2C;Sugar_tr.HG2.63:like:SV2A/SV2B/SV2C
HoiH23_PIH23_011931



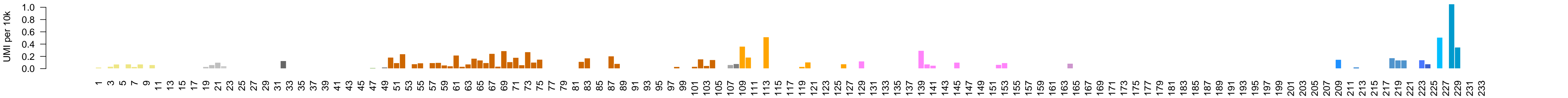
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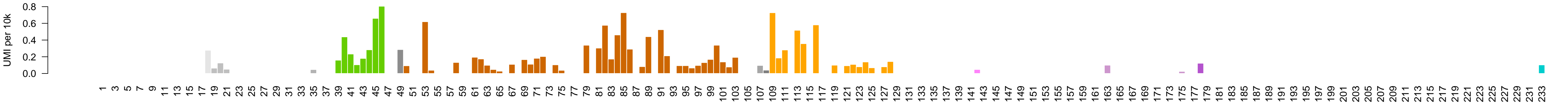
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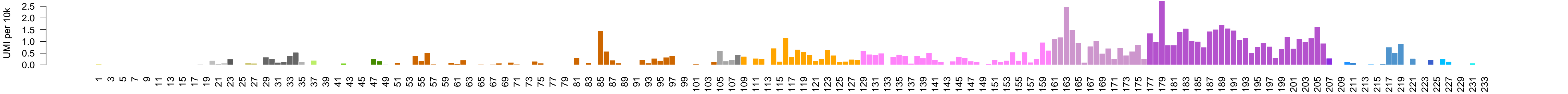
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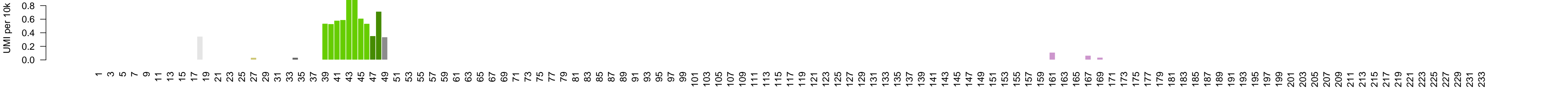
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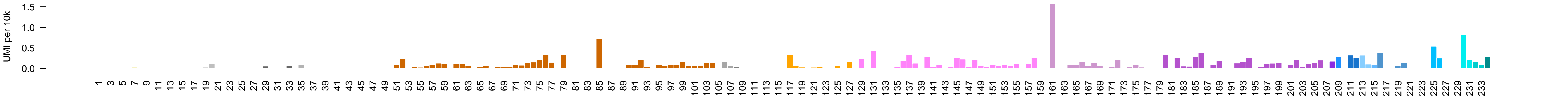
MFS_1.HG4.2:SLC2A6/SLC2A8;Sugar_tr.HG3.6:SLC2A6/SLC2A8
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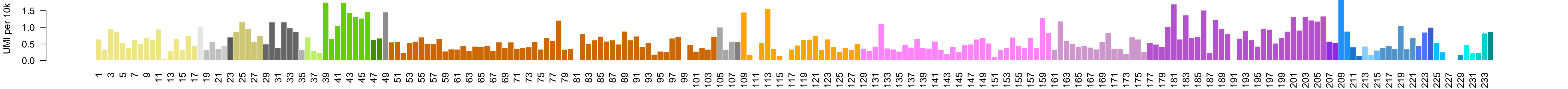
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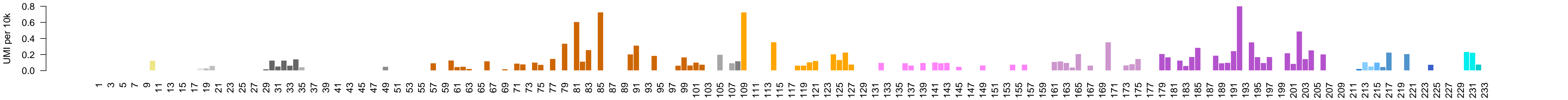
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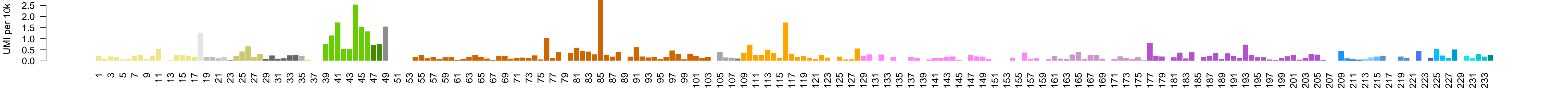
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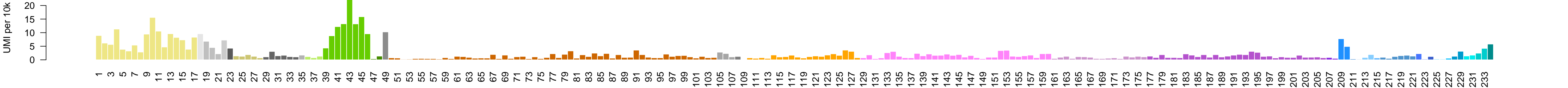
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HoiH23_PIH23_008933



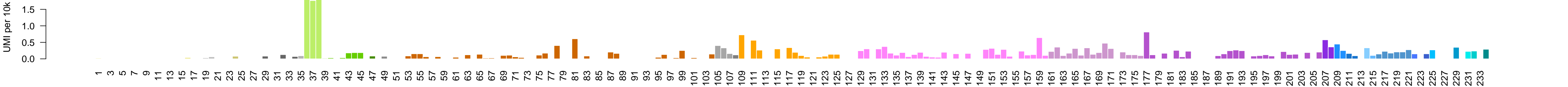
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HoiH23_PIH23_008936



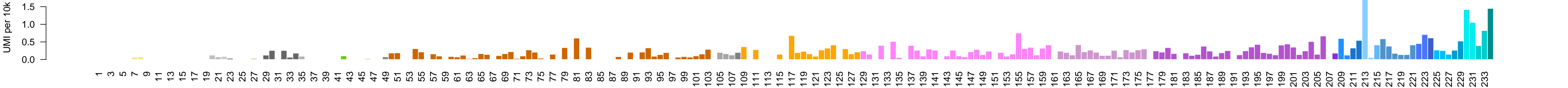
MFS_1.HG4.3:like:SLC2A10/SLC2A12;Sugar_tr.HG3.4:like:SLC2A10/SLC2A12/SLC2A13
HoiH23_PIH23_010441



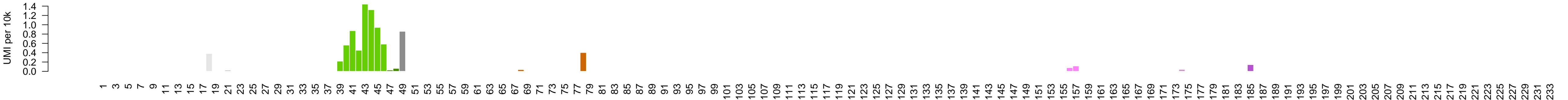
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HoiH23_PIH23_007757



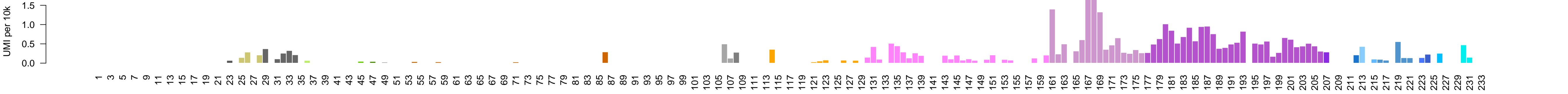
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HoiH23_PIH23_000319



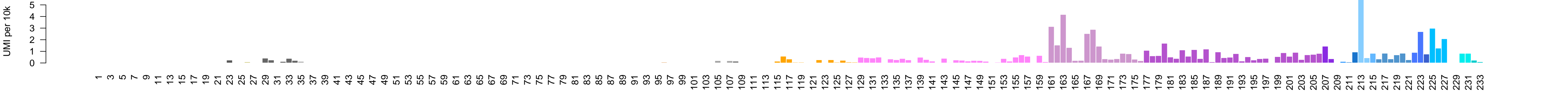
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HoiH23_PIH23_006459



MFS_1.HG5.8:SLC17A9
HoiH23_PIH23_010941

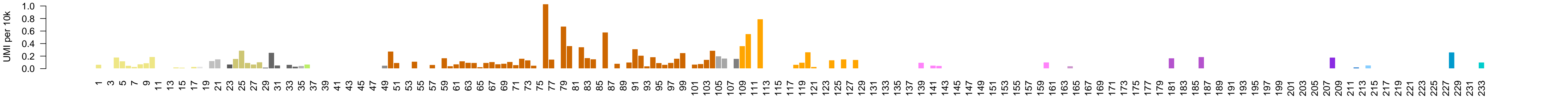


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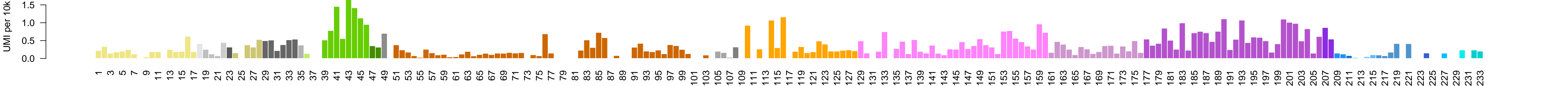


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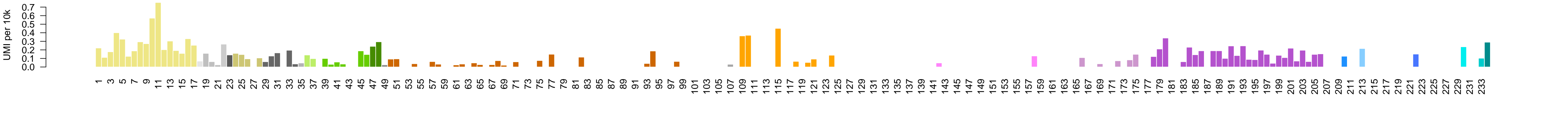
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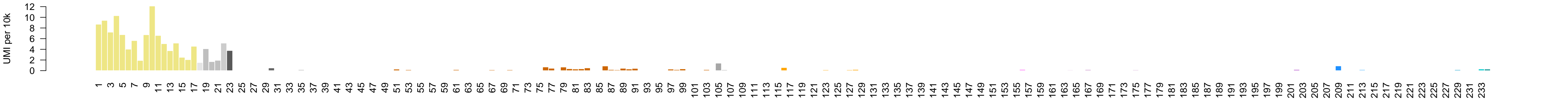
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HoiH23_PIH23_001215



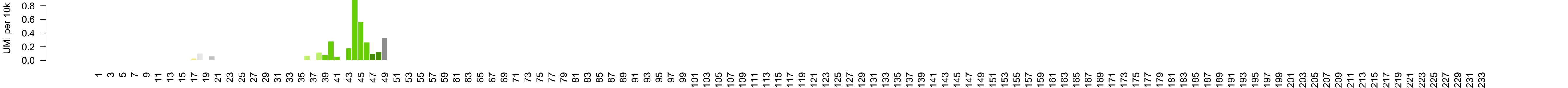
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HoiH23_PIH23_001217



MFS_1.HG6.1:like:SLCO1A2/SLCO1B1/SLCO1B3/SLCO1B3–SLCO1B7/SLCO1C1/SLCO2A1/SLCO2B1/SLCO3A1/SLCO4A1/SLCO4C1/SLCO5A1/SLCO6A1
HoiH23_PIH23_001218



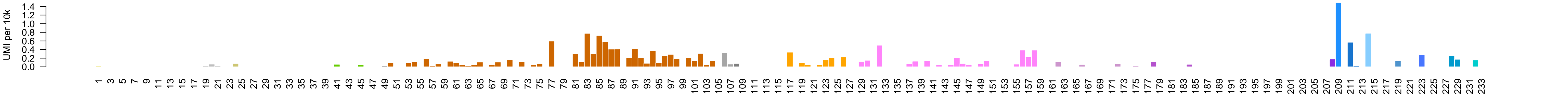
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HoiH23_PIH23_001219



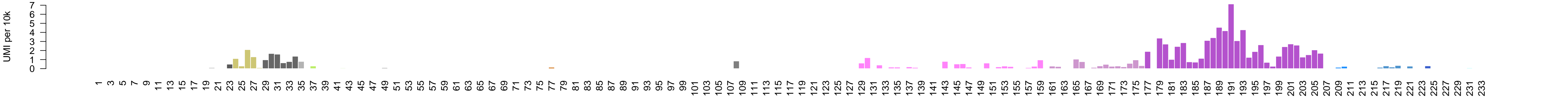
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HoiH23_PIH23_001221



MFS_1.HG6.1:like:SLCO1A2/SLCO1B1/SLCO1B3/SLCO1B3–SLCO1B7/SLCO1C1/SLCO2A1/SLCO2B1/SLCO3A1/SLCO4A1/SLCO4C1/SLCO5A1/SLCO6A1
HoiH23_PIH23_001222



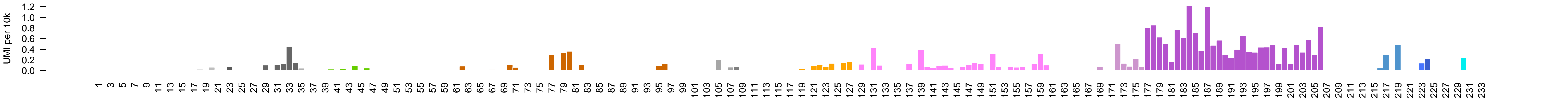
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HoiH23_PIH23_001252



MFS_1.HG6.1:like:SLCO1A2/SLCO1B1/SLCO1B3/SLCO1B3–SLCO1B7/SLCO1C1/SLCO2A1/SLCO2B1/SLCO3A1/SLCO4A1/SLCO4C1/SLCO5A1/SLCO6A1
HoiH23_PIH23_001827

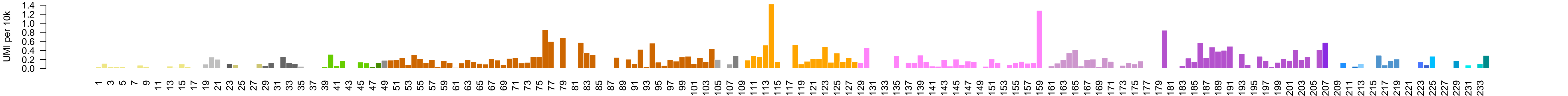


MFS_1.HG6.1:like:SLCO1A2/SLCO1B1/SLCO1B3/SLCO1B3–SLCO1B7/SLCO1C1/SLCO2A1/SLCO2B1/SLCO3A1/SLCO4A1/SLCO4C1/SLCO5A1/SLCO6A1
HoiH23_PIH23_001828

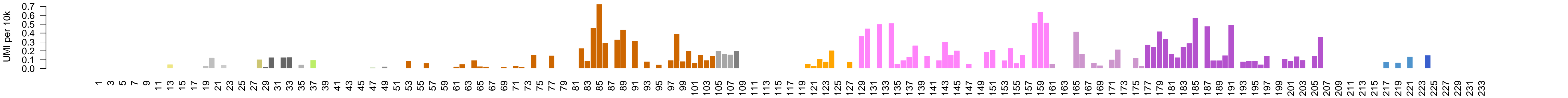


MFS_1.HG6.1:like:SLCO1A2/SLCO1B1/SLCO1B3/SLCO1B3–SLCO1B7/SLCO1C1/SLCO2A1/SLCO2B1/SLCO3A1/SLCO4A1/SLCO4C1/SLCO5A1/SLCO6A1

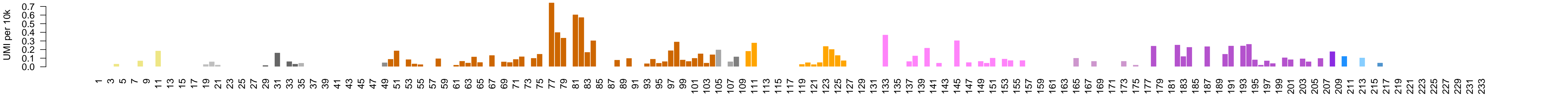
HoiH23_PIH23_003755



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HoiH23_PIH23_007365

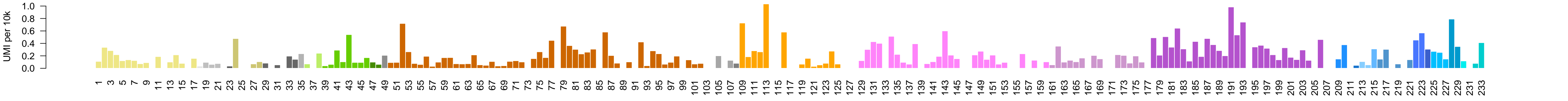


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HoiH23_PIH23_007366

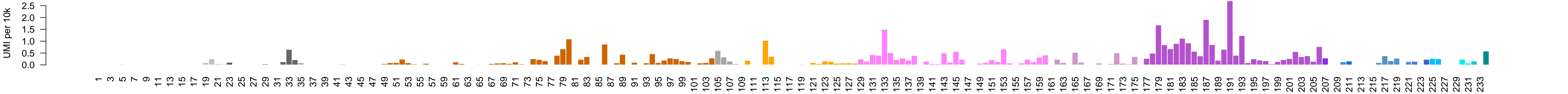


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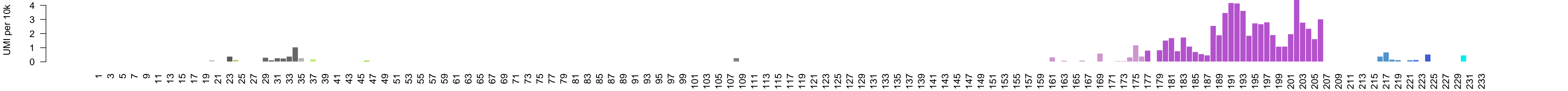
HoiH23_PIH23_007367



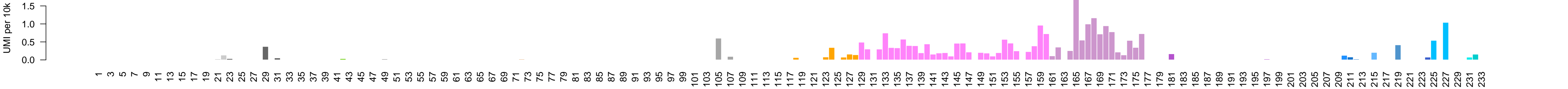
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HoiH23_PIH23_007368



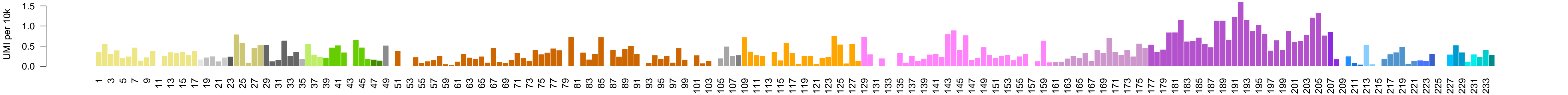
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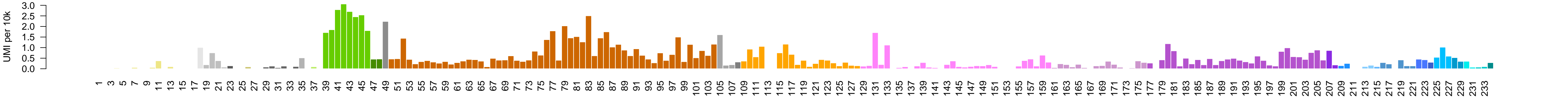
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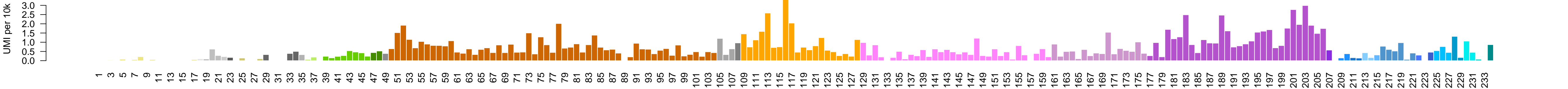
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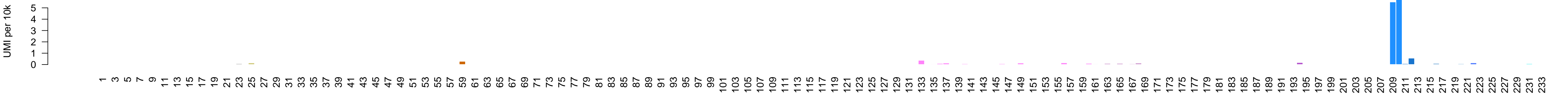
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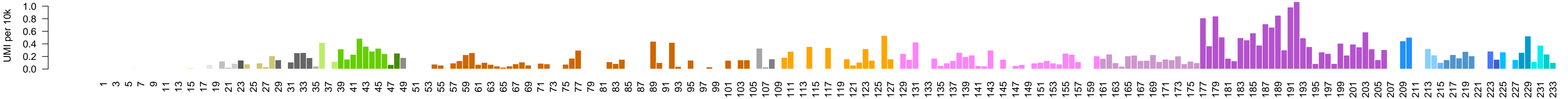
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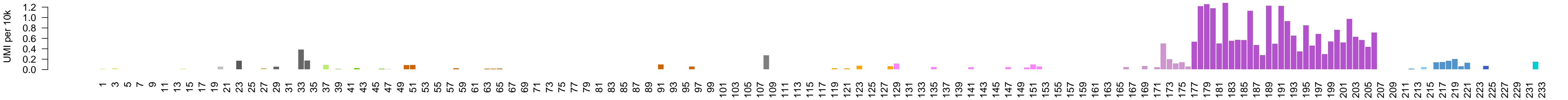
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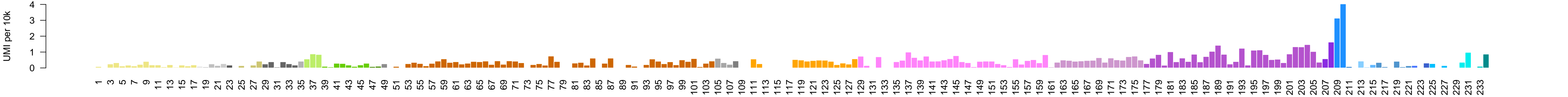
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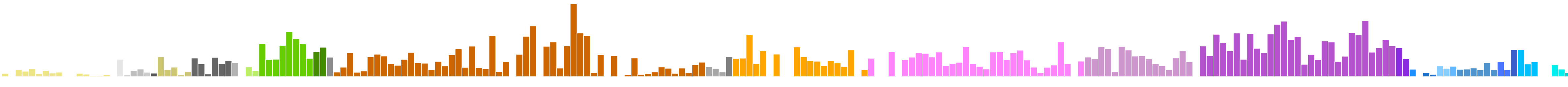


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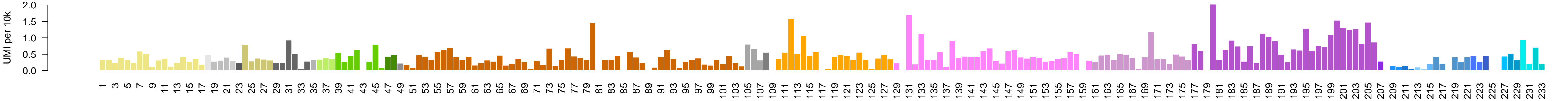
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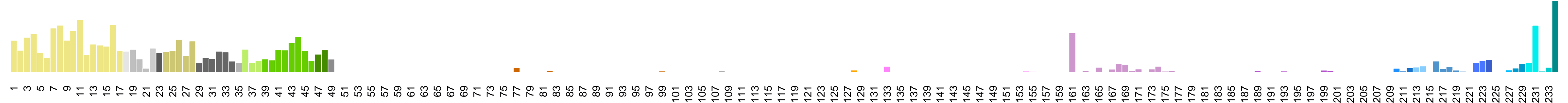
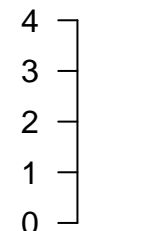


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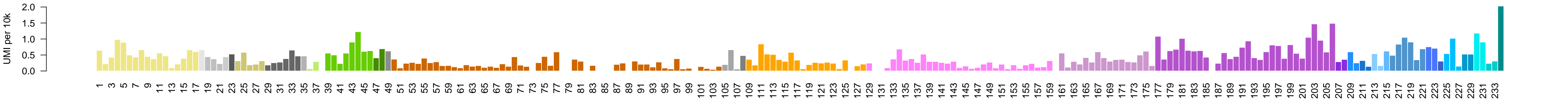


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UMI per 10k

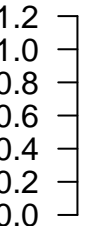


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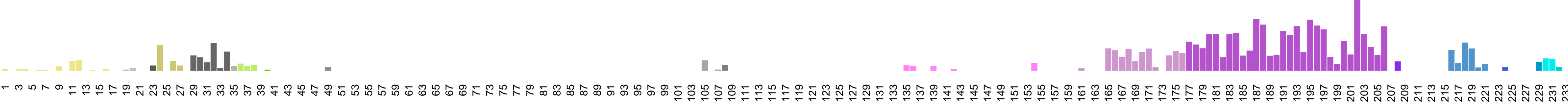


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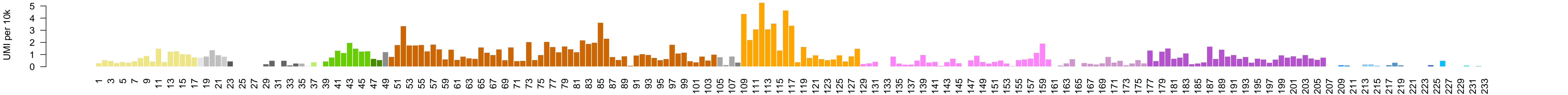
UMI per 10k



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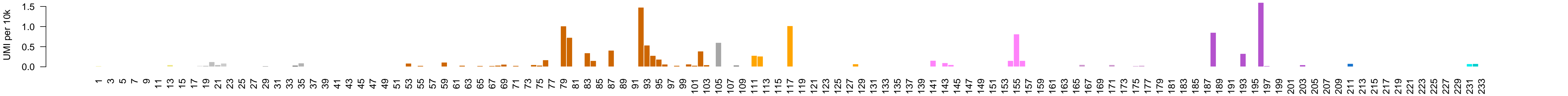
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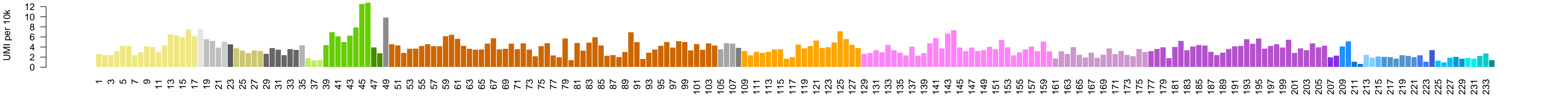
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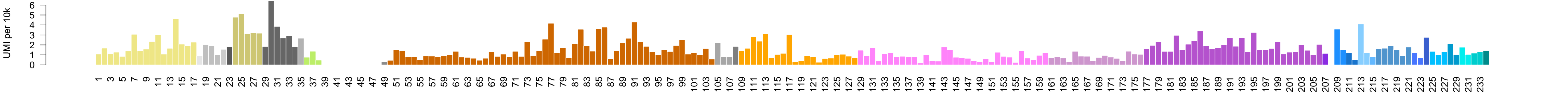
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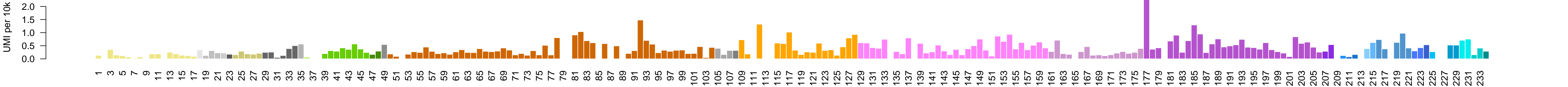


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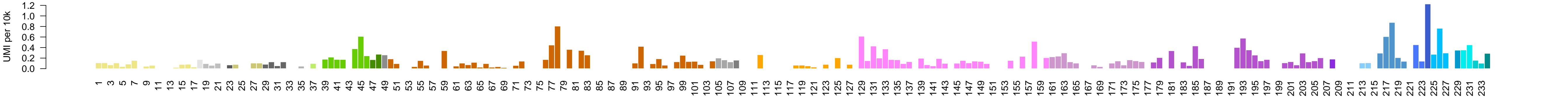


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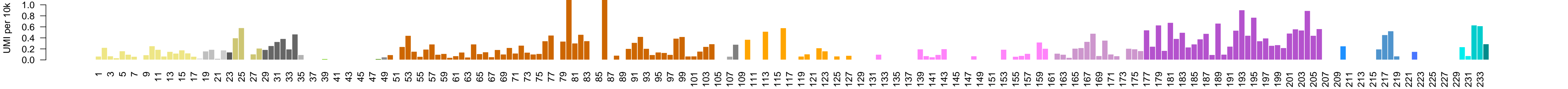
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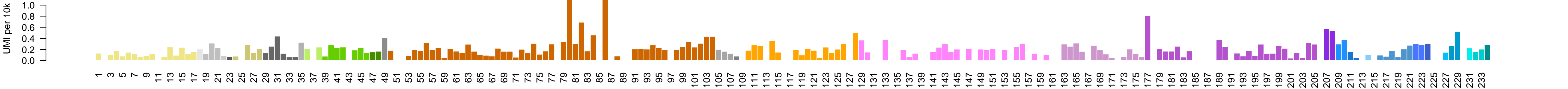
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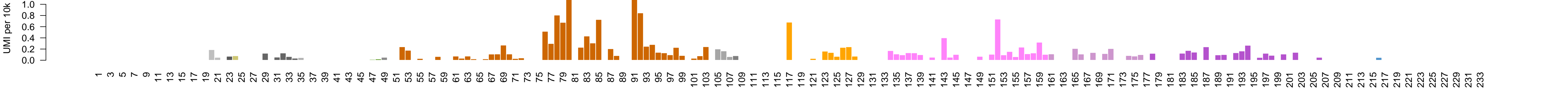
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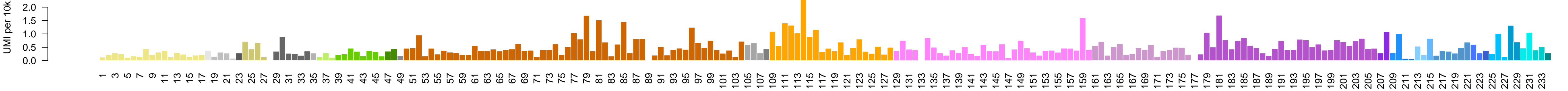
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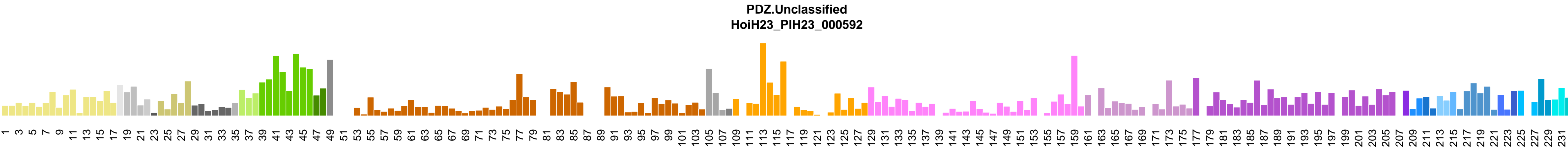


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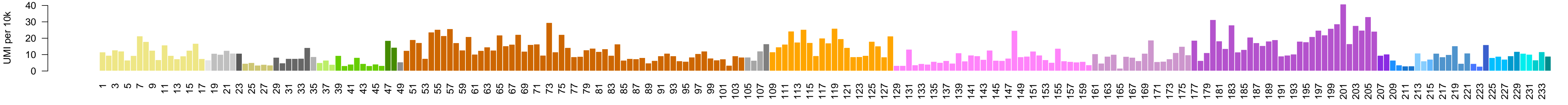


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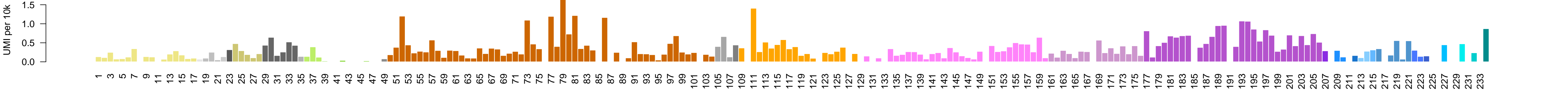
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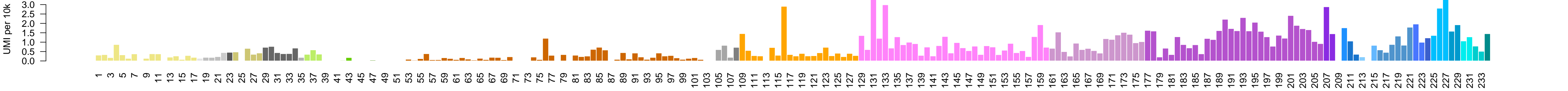
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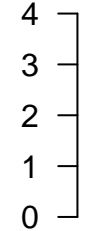


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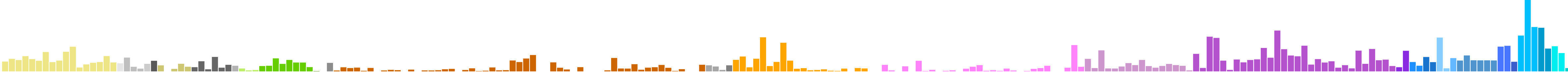


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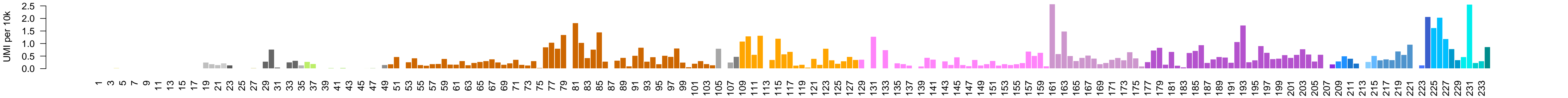
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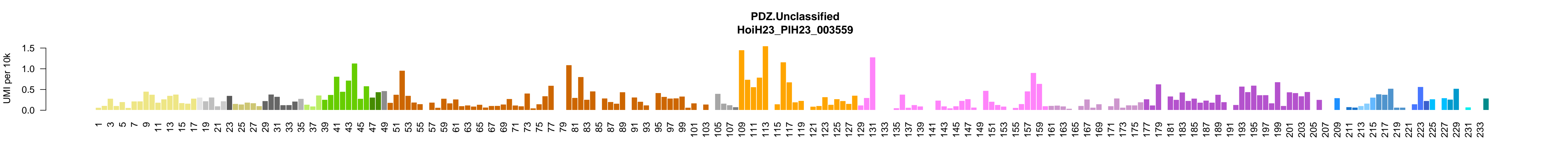


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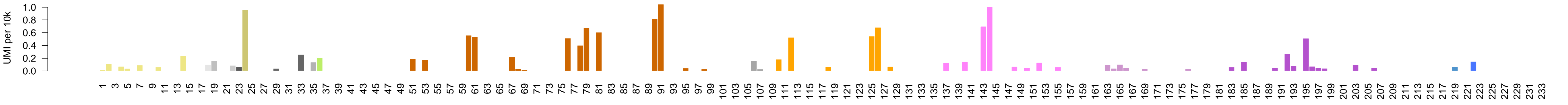


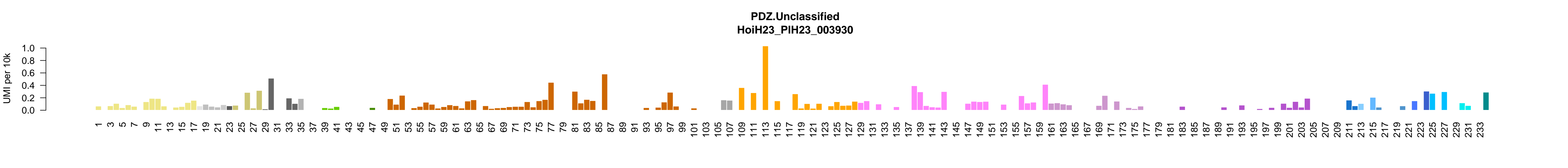
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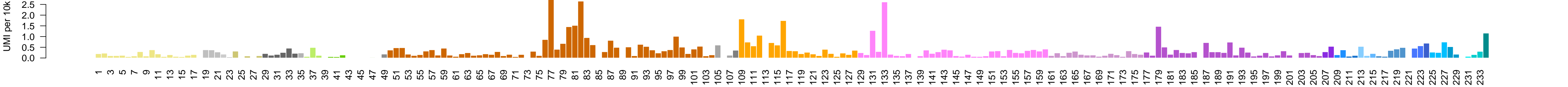


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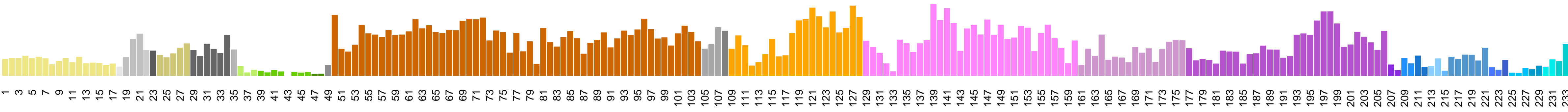
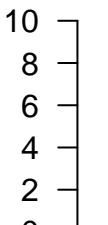


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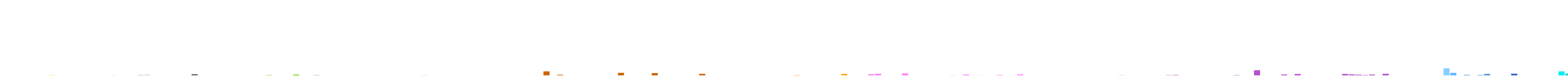
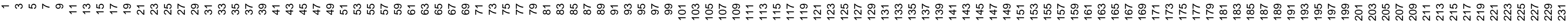
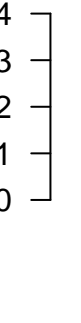
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UMI per 10k

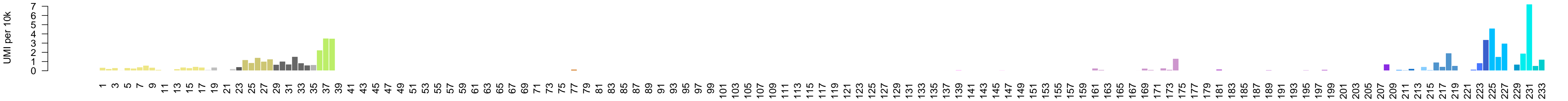


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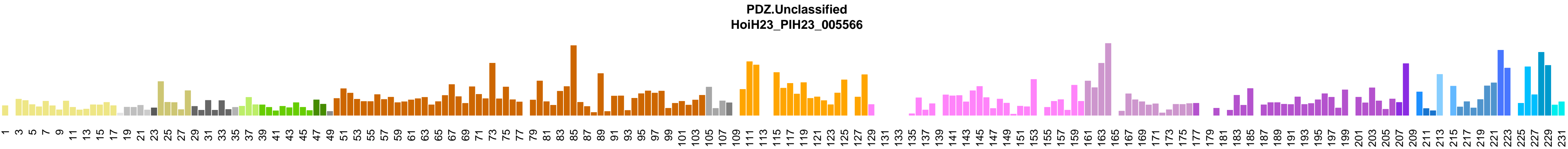
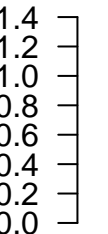
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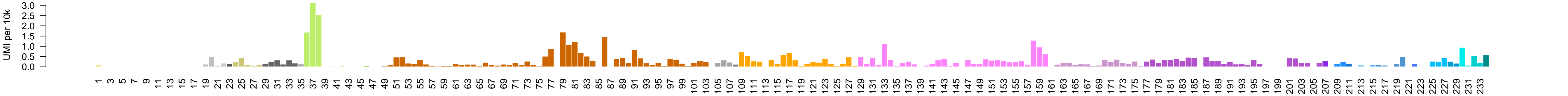
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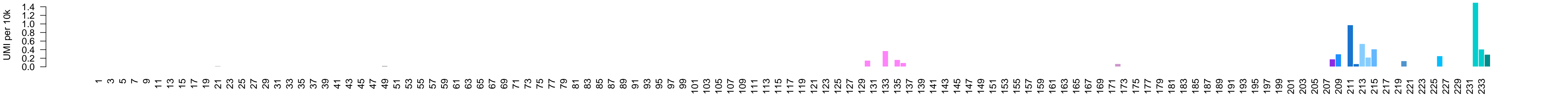
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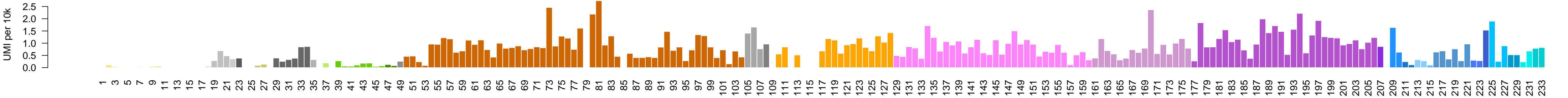
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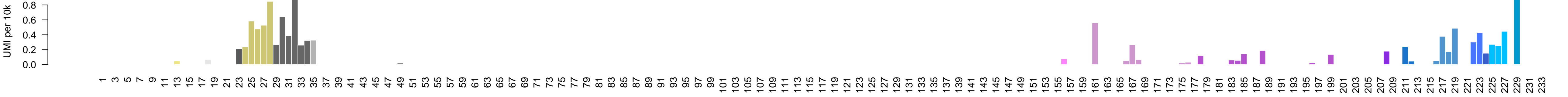
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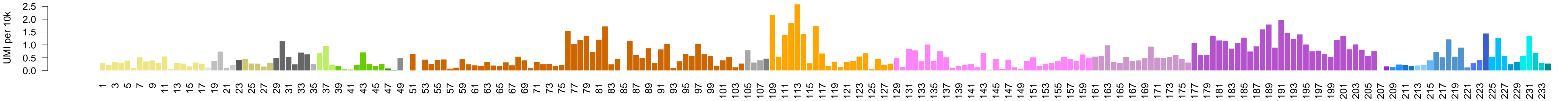
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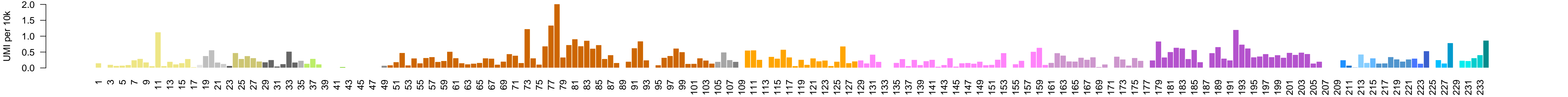
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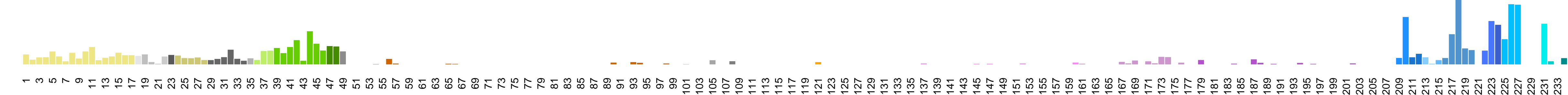


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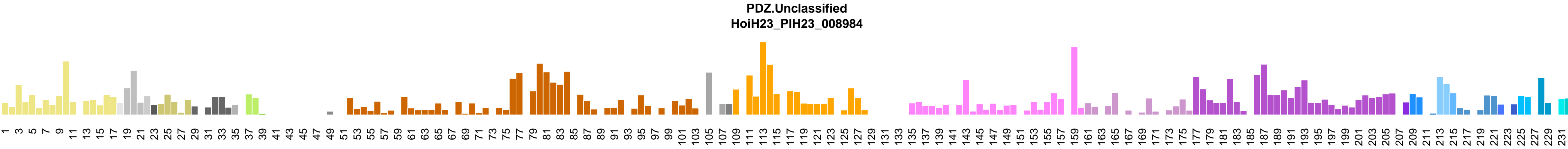
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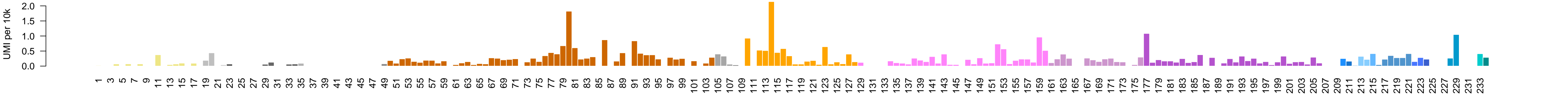


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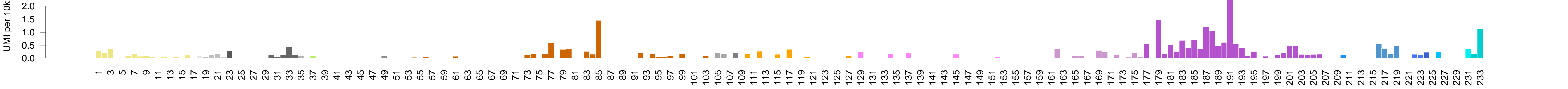
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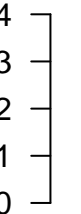


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UMI per 10k

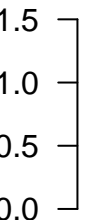


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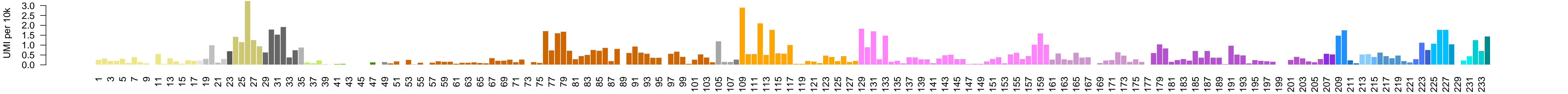
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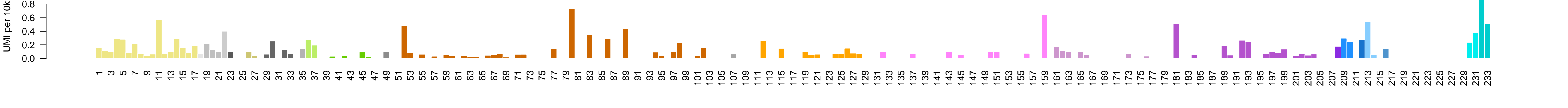
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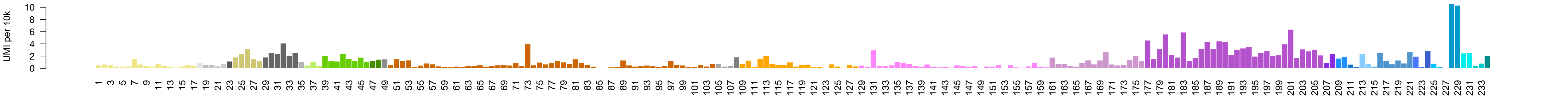
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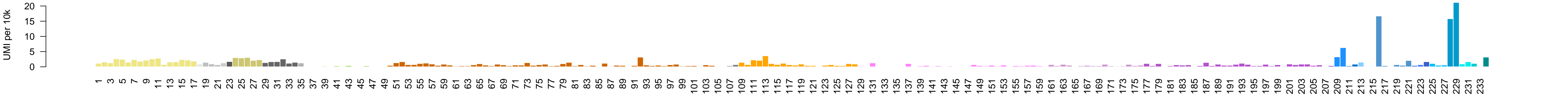
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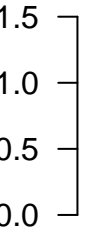


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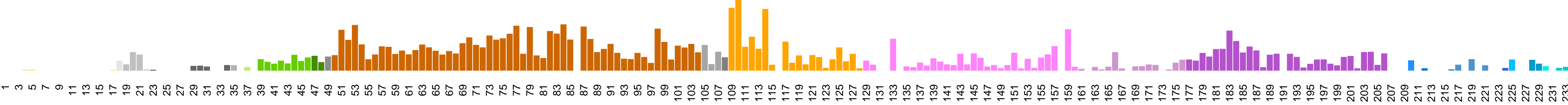


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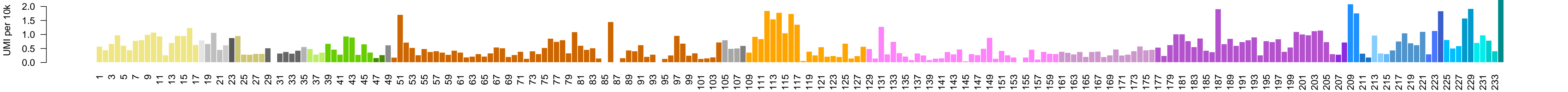
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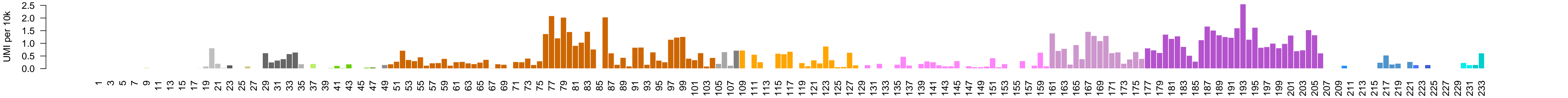
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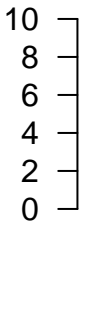


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PID.HG1.23:like:LDLRAP1
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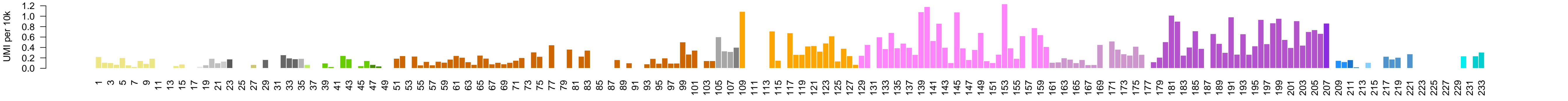
UMI per 10k



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

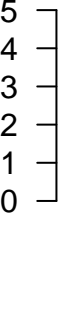


PID.HG1.8:like:LDLRAP1/PID1
HoiH23_PIH23_001068

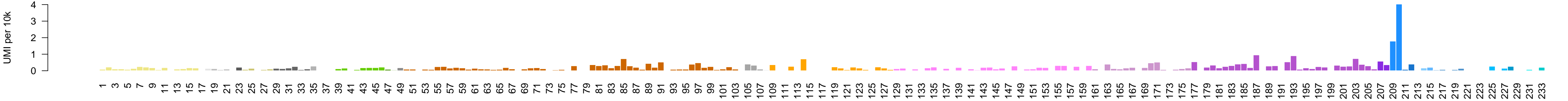


PMCA.HG1.1:ATP2A1/ATP2A2/ATP2A3
HoiH23_PIH23_000609

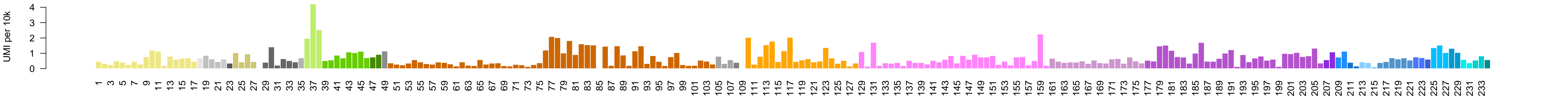
UMI per 10k



PMCA.HG1.2:ATP2C1/ATP2C2
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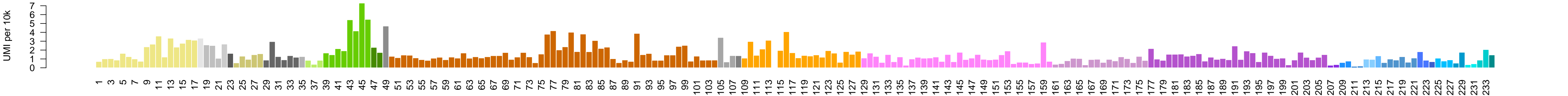


PMCA.HG1.3:ATP2B1/ATP2B2/ATP2B3/ATP2B4
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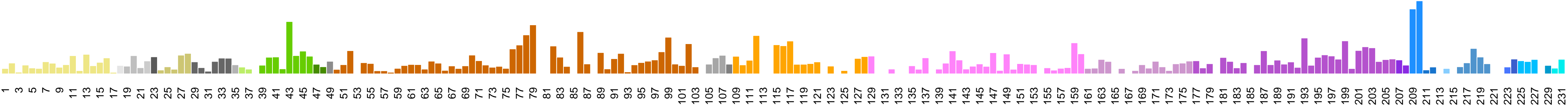
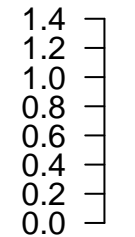
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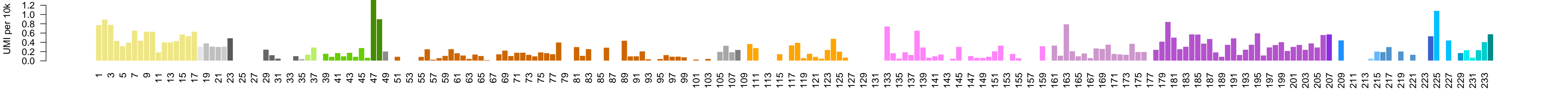


Pyridoxal_deC.HG1.2:PDXDC1
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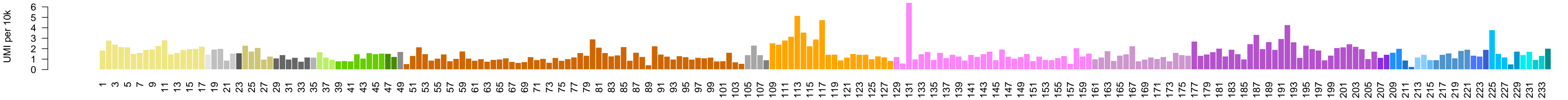
UMI per 10k



Pyridoxal_deC.HG1.4:CSAD/GAD1/GAD2/GADL1
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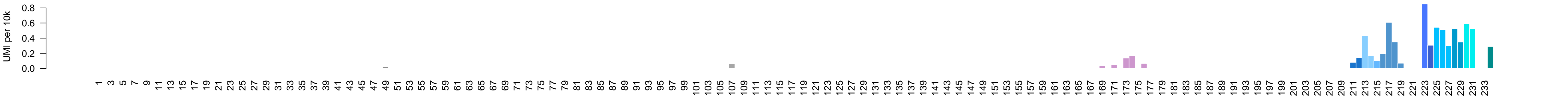
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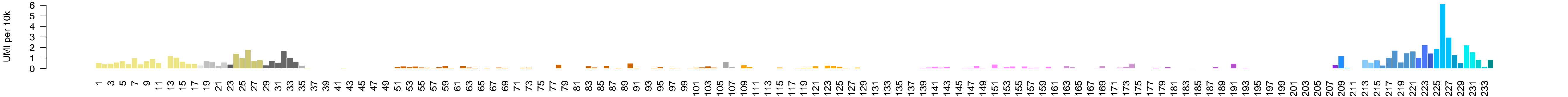
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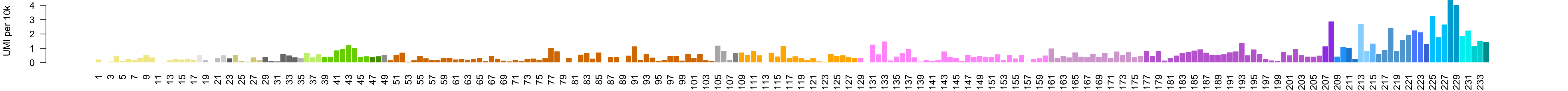
RabphilinRIM.HG1.2:like:RIMS1/RIMS2/RPH3A/RPH3AL
HoiH23_PIH23_000291



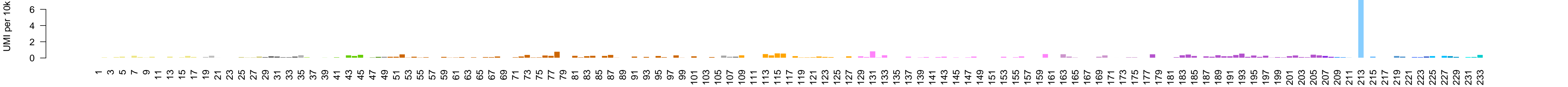
RabphilinRIM.HG1.3:RIMS1/RIMS2;Synaptotagmin.HG1.38:RIMS1/RIMS2/RIMS3/RIMS4
HoiH23_PIH23_008516



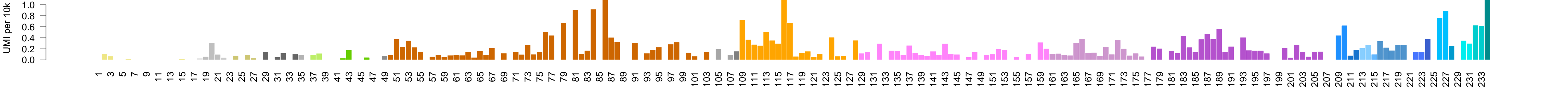
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HoiH23_PIH23_003082



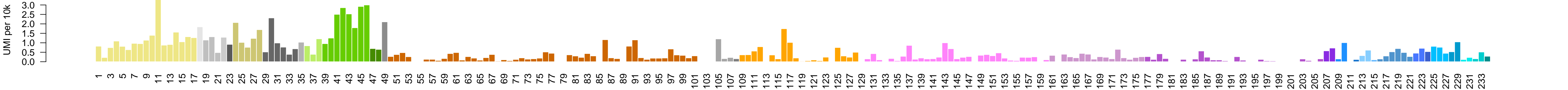
RasGAP.HG1.0:GAPVD1
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RasGAP.HG1.2:NF1
HoiH23_PIH23_000685

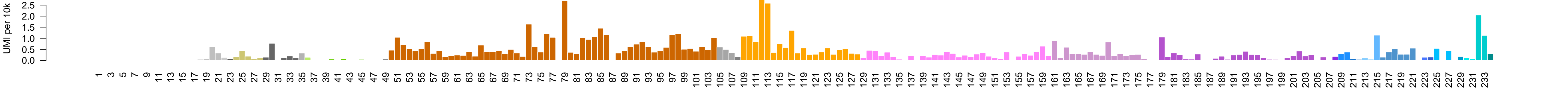


RasGAP.HG1.4:IQGAP1/IQGAP2
HoiH23_PIH23_006222

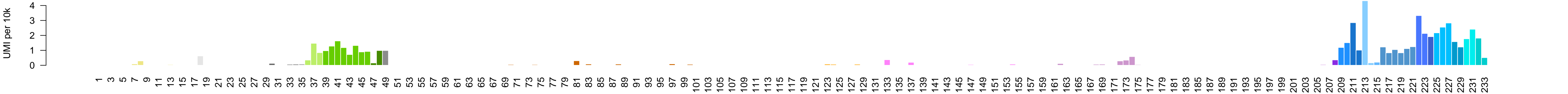


RasGAP.HG1.5:DAB2IP/RASAL2/RASAL3/SYNGAP1;SynGAP.HG1.2:like:DAB2IP/RASAL2/SYNGAP1

HoiH23_PIH23_000003

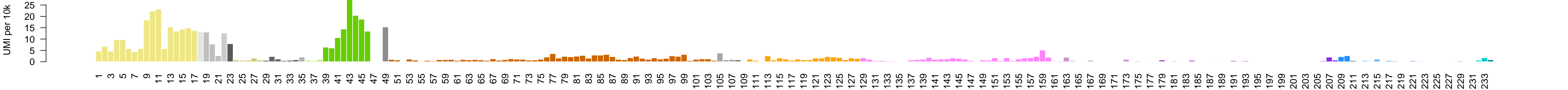


RasGAP.HG1.9:RASA2/RASA3;Synaptotagmin.HG1.57:RASA2/RASA3
HoiH23_PIH23_008536

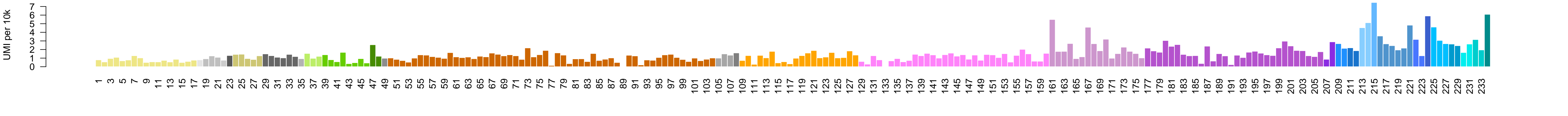


SDF.HG1.1:SLC1A1/SLC1A2/SLC1A3/SLC1A4/SLC1A5/SLC1A6/SLC1A7

HoiH23_PIH23_005270



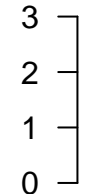
SNAP-25.HG1.2:SNAP25
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HoiH23_PIH23_004014

UMI per 10k

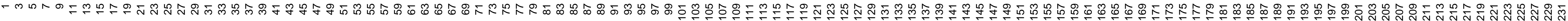
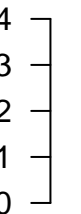


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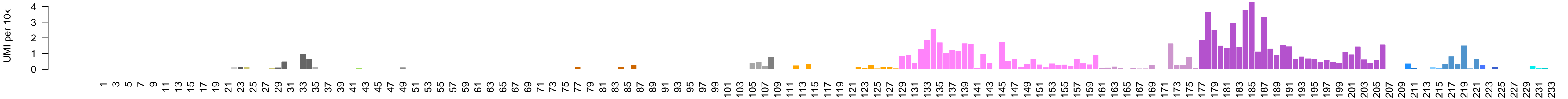
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UMI per 10k



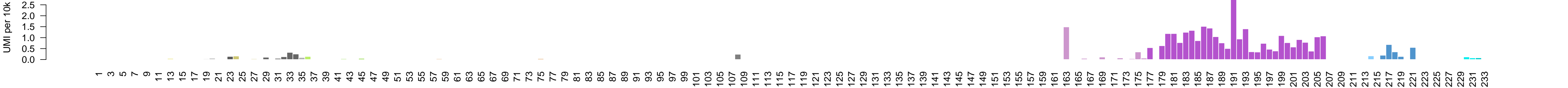
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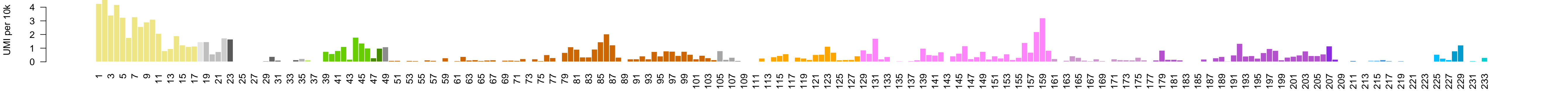
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HoiH23_PIH23_001849



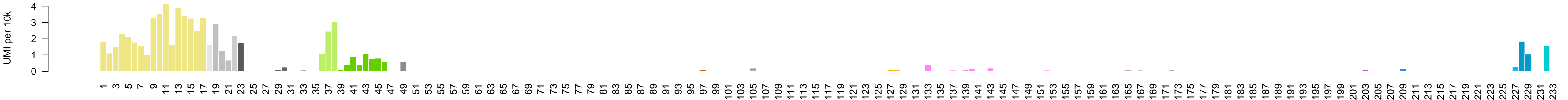
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HoiH23_PIH23_003774



SNF.HG1.2:like:AC136616.1/SLC6A1/SLC6A2/SLC6A3/SLC6A4/SLC6A5/SLC6A6/SLC6A7/SLC6A8/SLC6A9/SLC6A11/SLC6A12/SLC6A13/SLC6A14/SLC6A15/SLC6A16/SLC6A17/SLC6A18/SLC6A19/SLC6A20

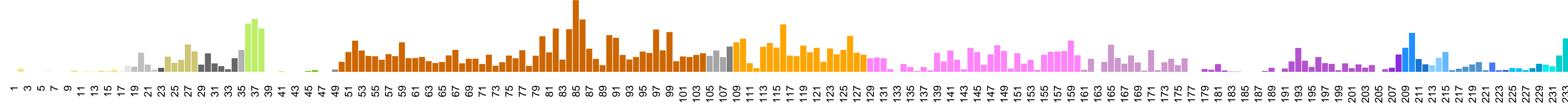
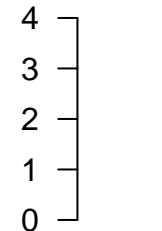
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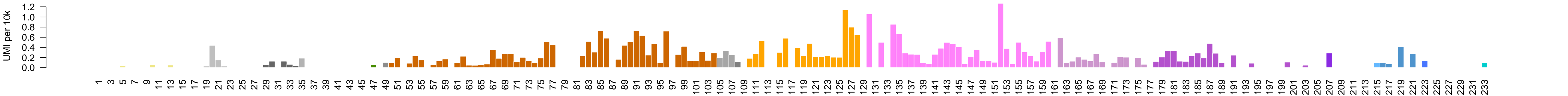
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UMI per 10k



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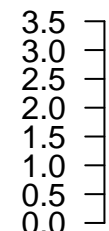
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HoiH23_PIH23_007652

UMI per 10k

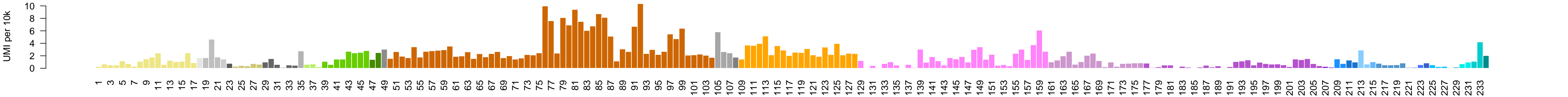


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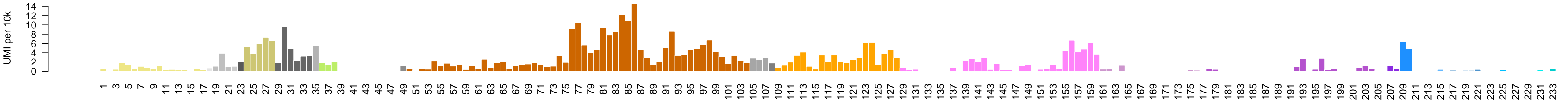


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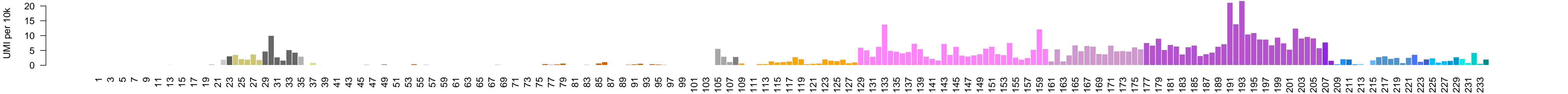


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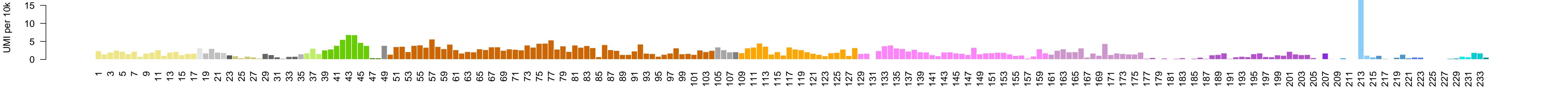


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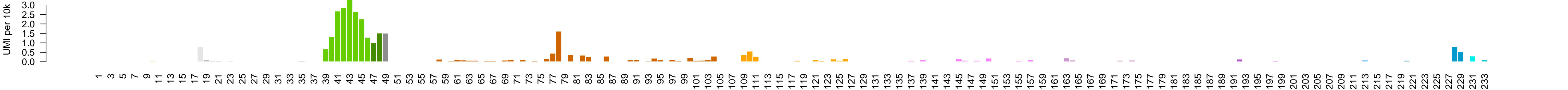
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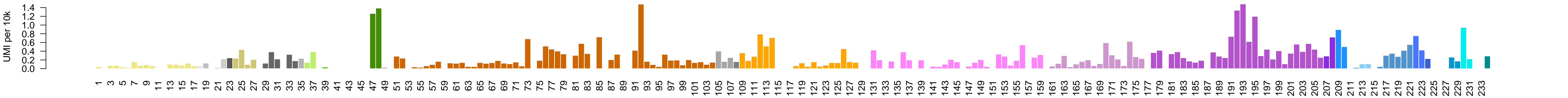


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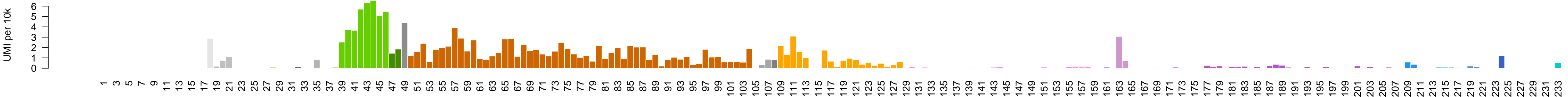
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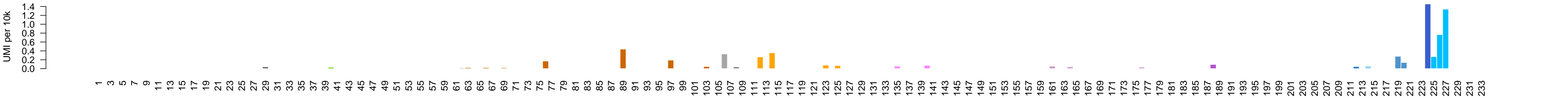
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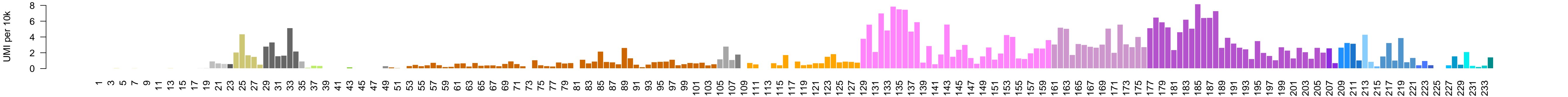


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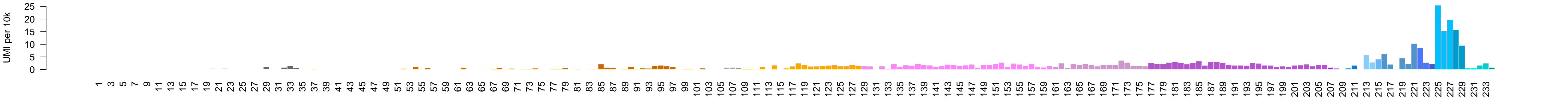


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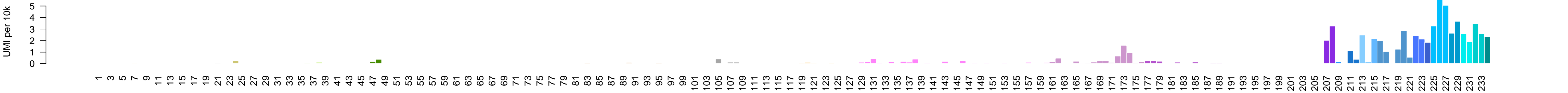
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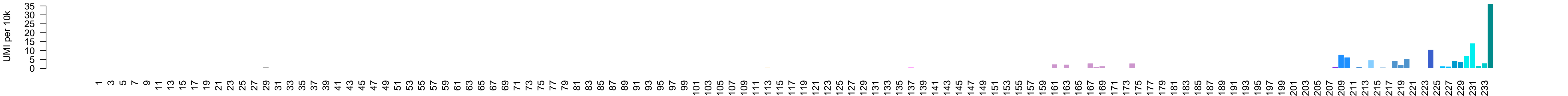
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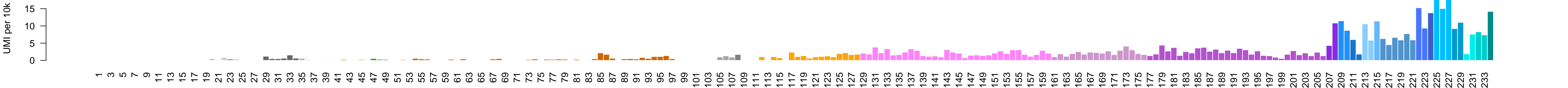
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Synaptotagmin.HG1.18:FO681492.1/SYT15
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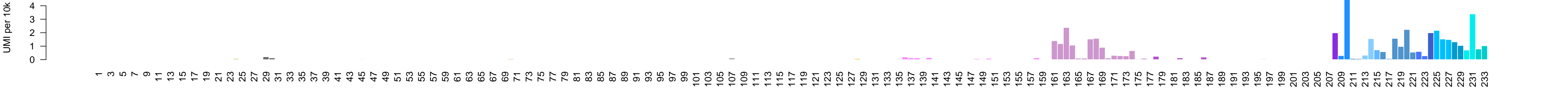
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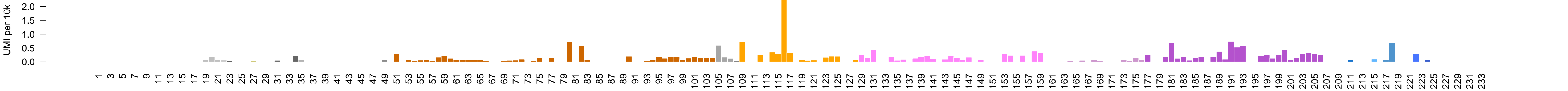
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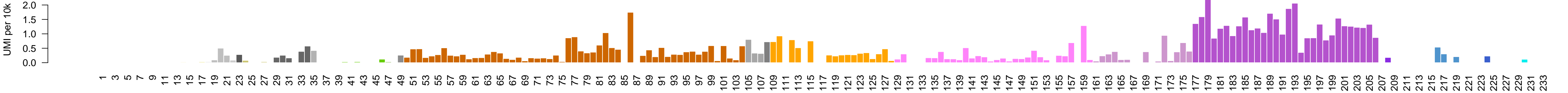
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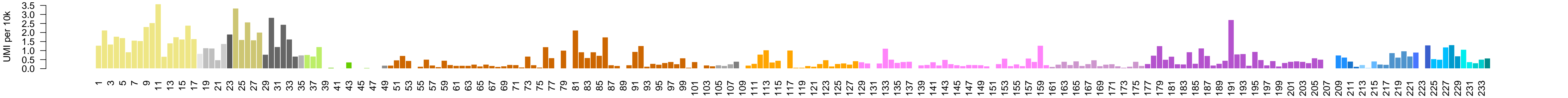
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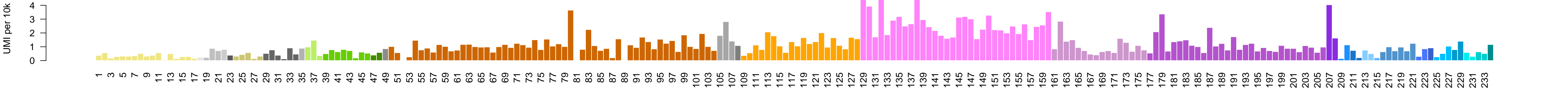
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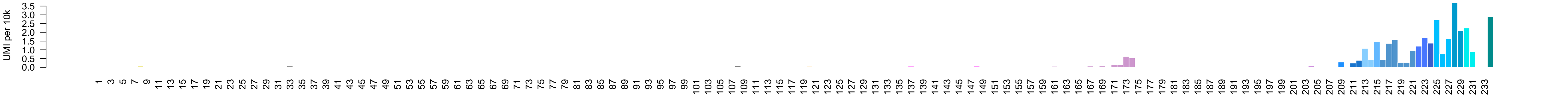
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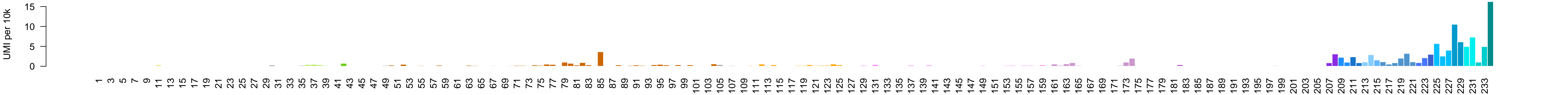
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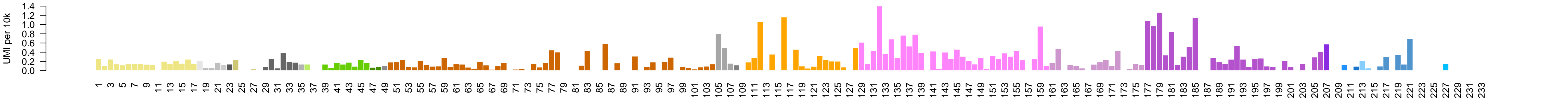
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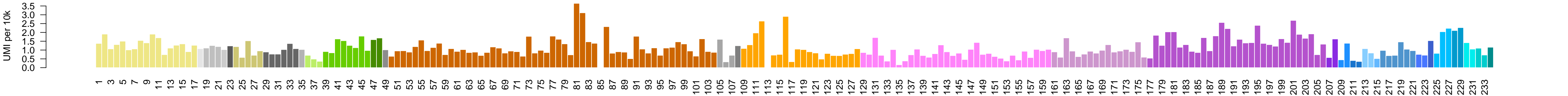
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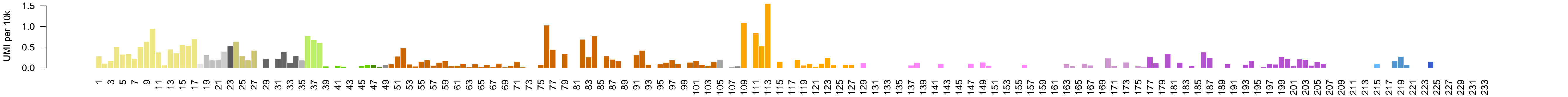
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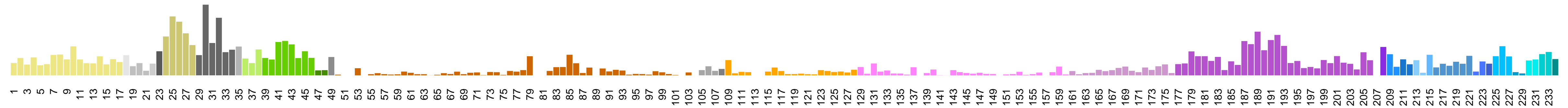
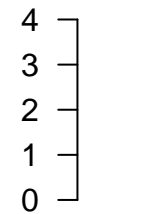


Synaptotagmin.HG1.60:like:ITSN2/UNC13A/UNC13C
HoiH23_PIH23_002275

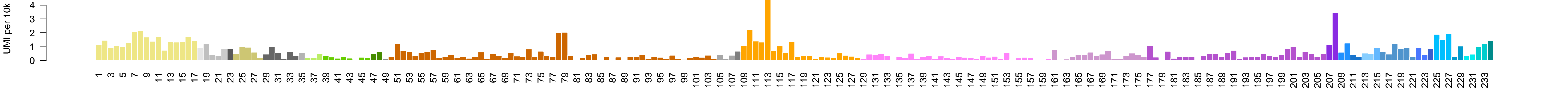


Synaptotagmin.HG1.62:PRKCA/PRKCB/PRKCG
HoiH23_PIH23_001595

UMI per 10k

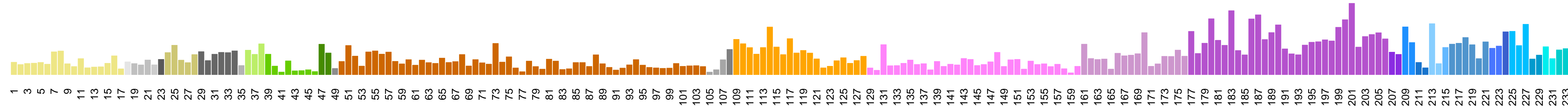
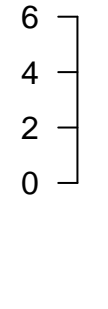


Syntaxin.HG1.1:STX16/STX16-NPEPL1
HoiH23_PIH23_000791

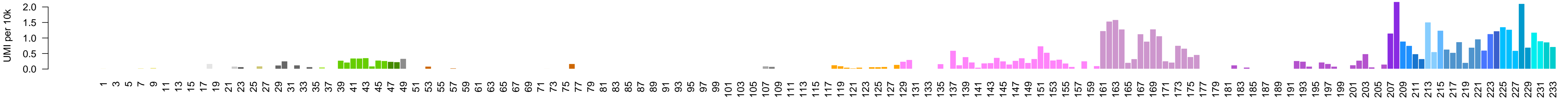


Syntaxin.HG1.2:STX7/STX12
HoiH23_PIH23_007766

UMI per 10k



Syntaxin.HG1.4:STX1A/STX1B/STX2/STX3/STX4
HoiH23_PIH23_000611



Syntaxin.HG1.4:STX1A/STX1B/STX2/STX3/STX4
HoiH23_PIH23_000612

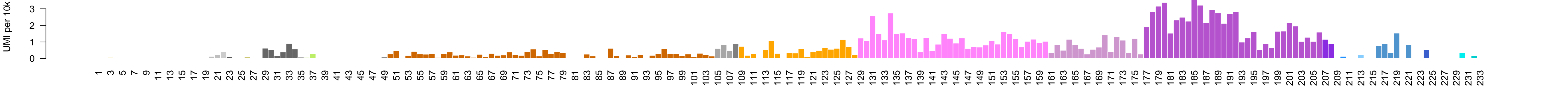
UMI per 10k

1.5
1.0
0.5
0.0

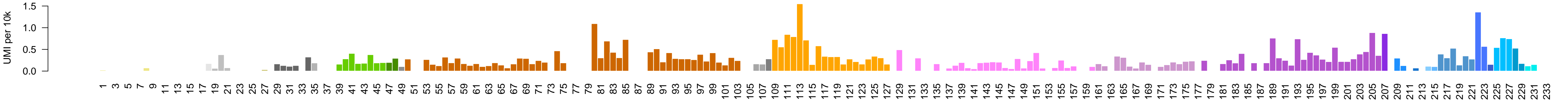
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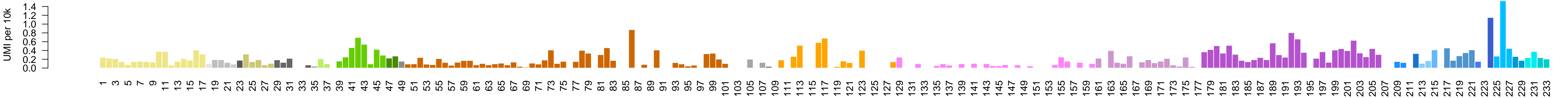
Syntaxin.HG1.4:STX1A/STX1B/STX2/STX3/STX4
HoiH23_PIH23_000613



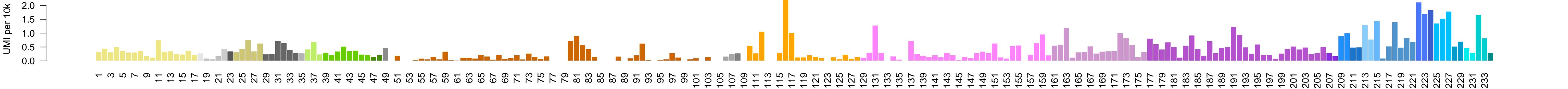
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HoiH23_PIH23_005778



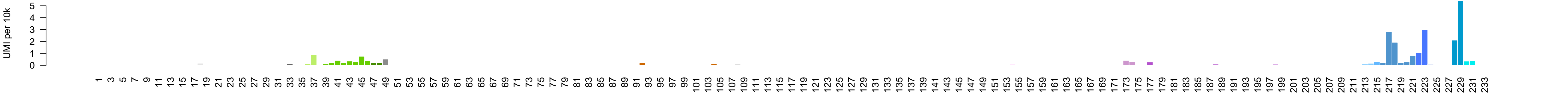
Y_phosphatase.HG1.13:PTPN6/PTPN11
HoiH23_PIH23_007899



Y_phosphatase.HG1.14:PTPN5/PTPN7/PTPRR
HoiH23_PIH23_008455

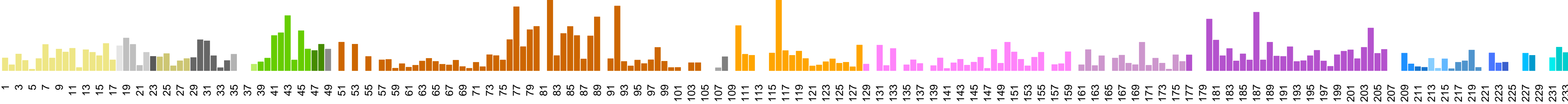


Y_phosphatase.HG1.16:like:PTPRK/PTPRM/PTPRT/PTPRU
HoiH23_PIH23_008288



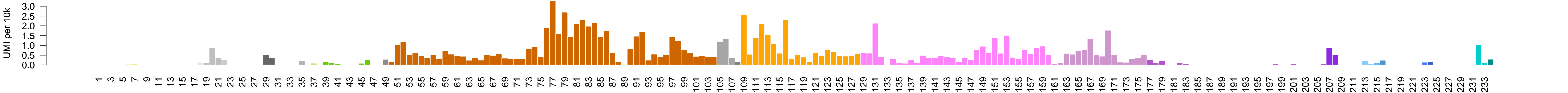
Y_phosphatase.HG1.20:PTPN23
HoiH23_PIH23_005909

UMI per 10k



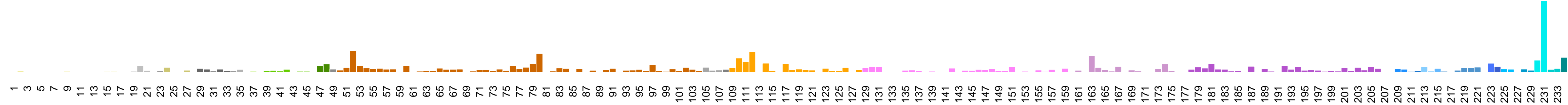
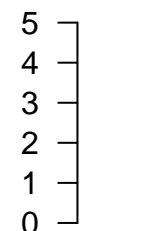
Y_phosphatase.HG1.24:like:PTPRA/PTPRC/PTPRD/PTPRE/PTPRF/PTPRG/PTPRS/PTPRZ1

HoiH23_PIH23_008383

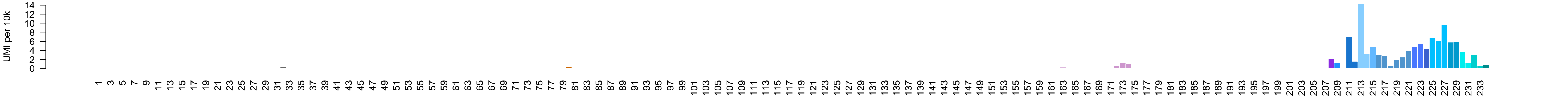


Y_phosphatase.HG1.26:like:PTPN9
HoiH23_PIH23_001146

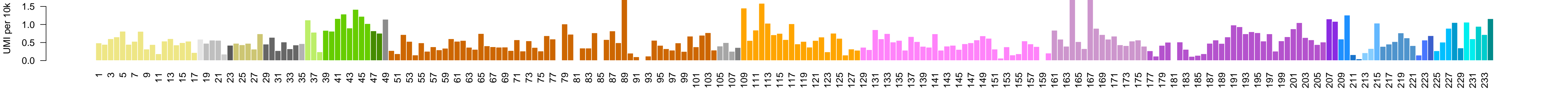
UMI per 10k



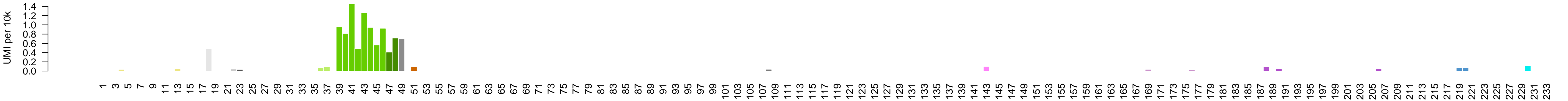
Y_phosphatase.HG1.29:PTPRN/PTPRN2
HoiH23_PIH23_002447



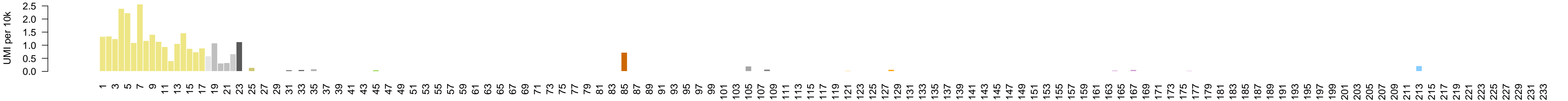
Y_phosphatase.HG1.30:PTPN1/PTPN2
HoiH23_PIH23_001877



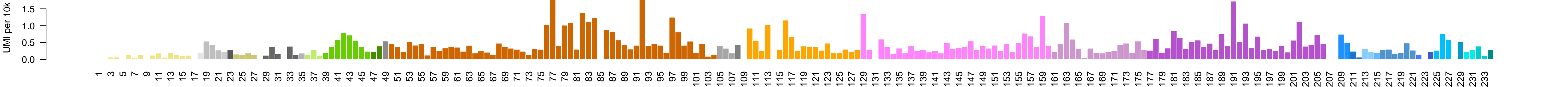
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HoiH23_PIH23_001337

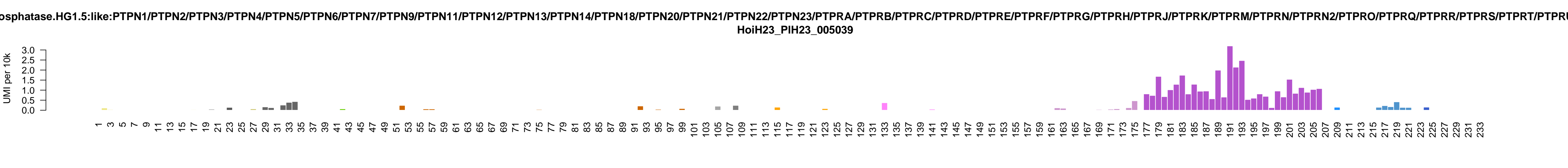


Y_phosphatase.HG1.41:like:PTPN5/PTPN7/PTPRR
HoiH23_PIH23_004883

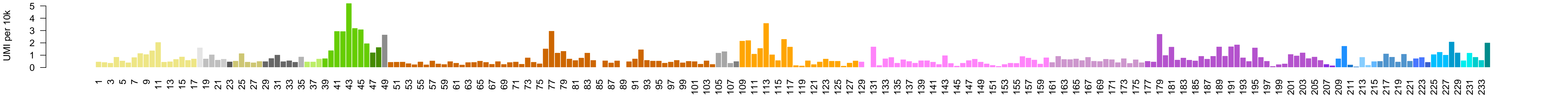


Y_phosphatase.HG1.45:like:PTPRA/PTPRC/PTPRD/PTPRE/PTPRF/PTPRG/PTPRS/PTPRZ1
HoiH23_PIH23_001498

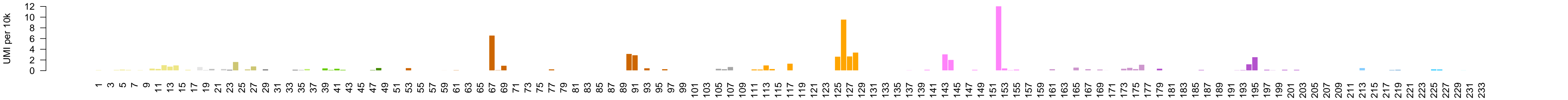




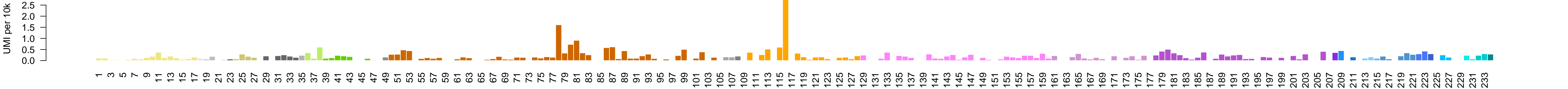
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HoiH23_PIH23_002628



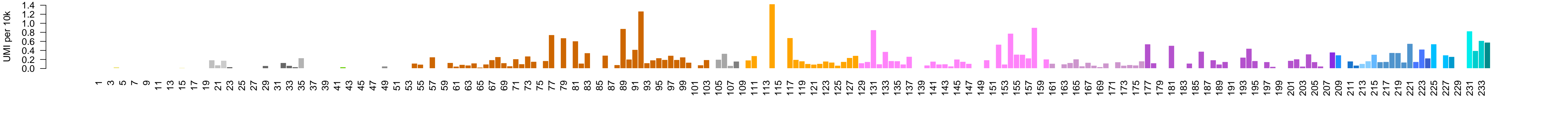
Y_phosphatase.HG2.0:CDKN3
HoiH23_PIH23_002968



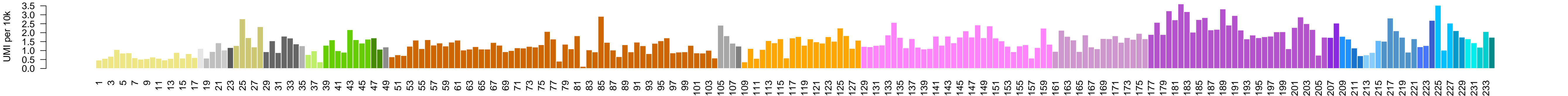
Y_phosphatase.HG2.3:like:CDC14A/CDC14B/CDC14C/DUSP23/PTP4A1/PTP4A2/PTP4A3/PTPDC1
HoiH23_PIH23_003068



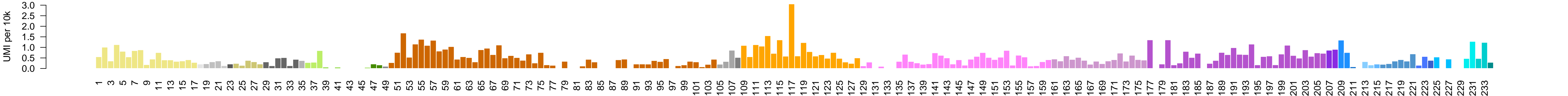
Y_phosphatase.HG2.6:PTPDC1
HoiH23_PIH23_007054



Y_phosphatase.HG2.8:PTP4A1/PTP4A2/PTP4A3
HoiH23_PIH23_004698



Y_phosphatase.HG3.4:like:DUSP1/DUSP4/DUSP5
HoiH23_PIH23_008030



Y_phosphatase.HG3.4:like:DUSP1/DUSP4/DUSP5
HoiH23_PIH23_008031

