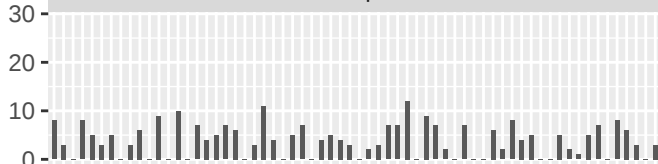


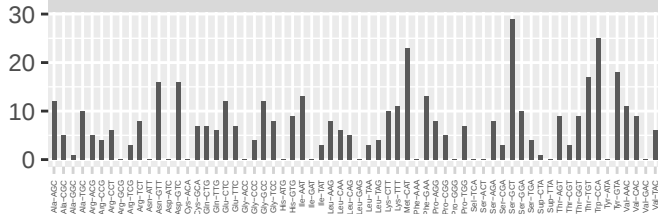
Supplementary File 1. Number of tRNA
isoacceptors per genome.

ANA

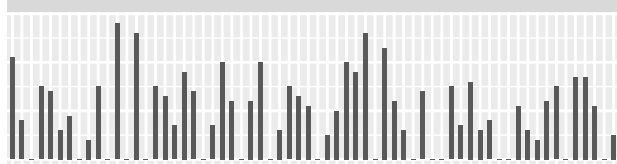
Atrichopoda



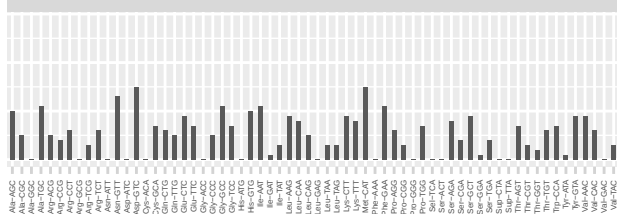
Ncolorata



Eferox



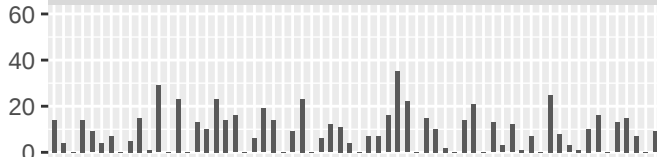
Nthermarum



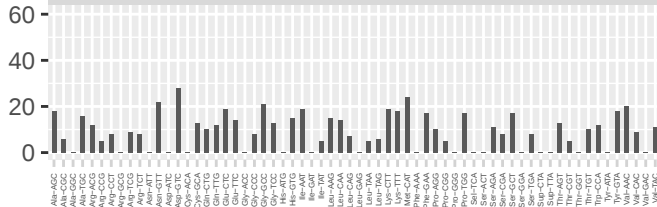
Isoacceptor

Dicots

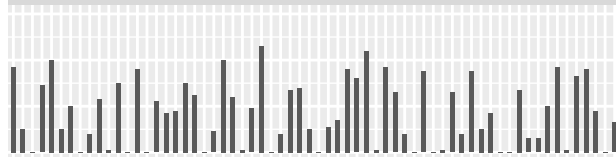
Acoerulea



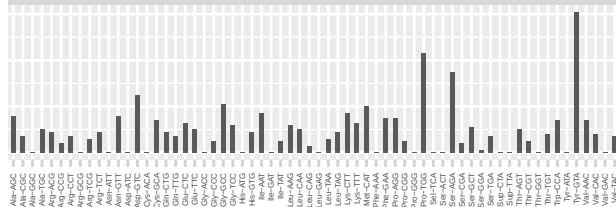
Aoccidentale



Ahypogaea



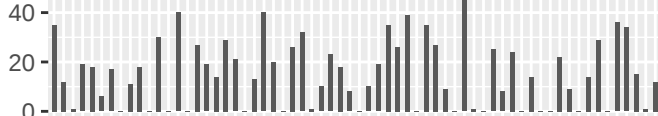
Athaliana



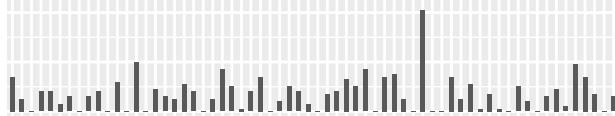
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Dicots

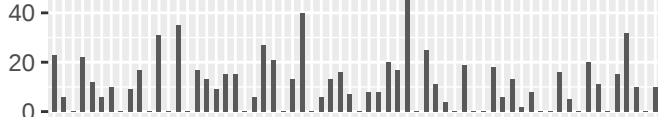
Brapa



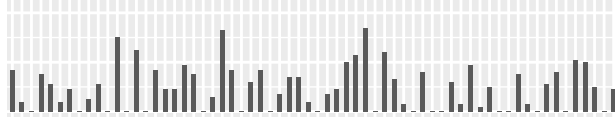
Bstricta



Carabica



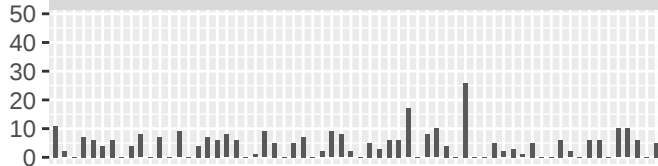
Carietinum



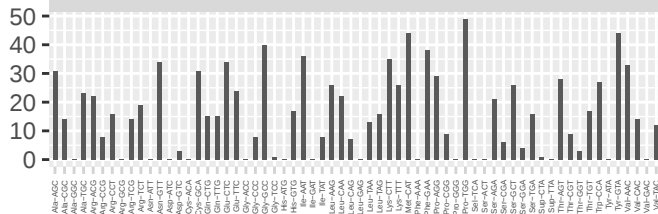
Isoacceptor

Dicots

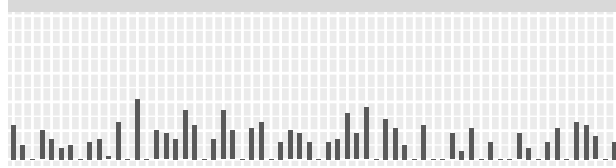
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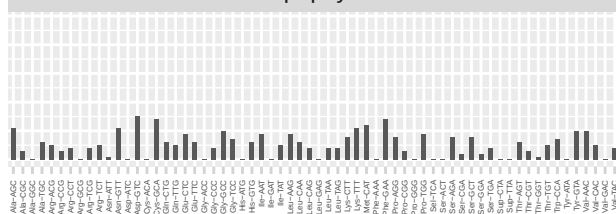
Cmaritima



Cillinoisensis



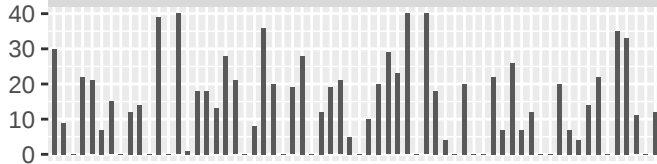
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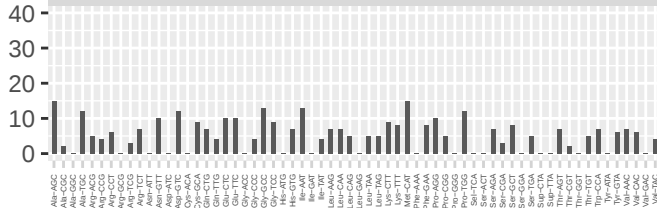
Isoacceptor

Dicots

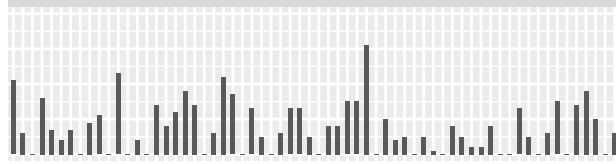
Cquinoa



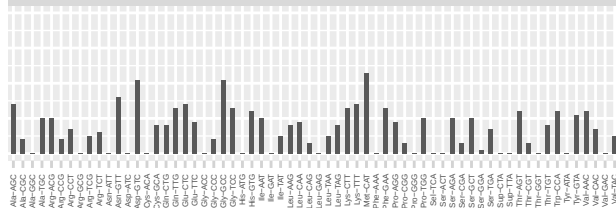
Csinensis



Csativus



Dcarota



Isoacceptor

Dicots

Dstrictus

40

20

0

Number of tRNAs

Ala-AGC
Ala-CGC
Ala-GGC
Ala-TGC
Arg-ACG
Arg-CCG
Arg-CCT
Arg-GCG
Arg-TCG
Arg-TCT
Asn-ATT
Asn-GTT
Asp-ATC
Asp-GTC
Cys-ACA
Cys-GCA
Gln-CTG
Gln-TTG
Glu-CTC
Glu-TTC
Gly-AQC
Gly-CQC
Gly-GCC
Gly-TCC
His-ATG
His-GTG
Ile-ANT
Ile-GAT
Ile-TAT
Leu-AGG
Leu-CAA
Leu-CAG
Leu-GAG
Leu-TAA
Leu-TAG
Lys-CTT
Lys-TTT
Met-CAT
Phe-AAA
Phe-GAA
Pro-AGG
Pro-CGG
Pro-GGG
Pro-TGG
Ser-TCA
Ser-ACT
Ser-AGA
Ser-CGA
Ser-GCT
Ser-GGA
Ser-TGA
Sup-CTA
Sup-TTA
Thr-AGT
Thr-CGT
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Tyr-ATA
Tyr-GTA
Val-AAC
Val-CAC
Val-GAC
Val-TAC

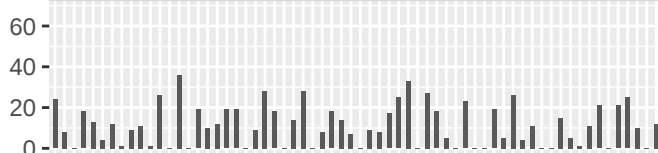
Egrandis

Ghirsutum

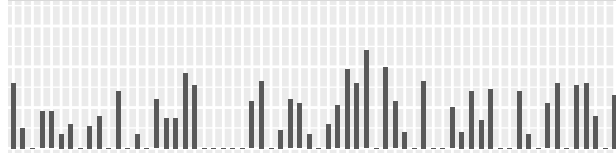
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Dicots

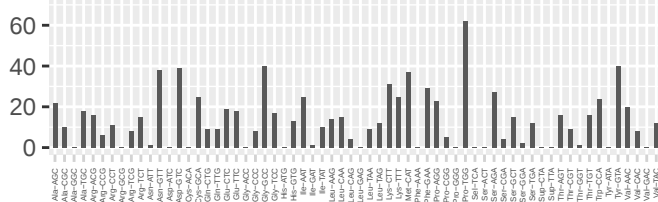
Graimondii



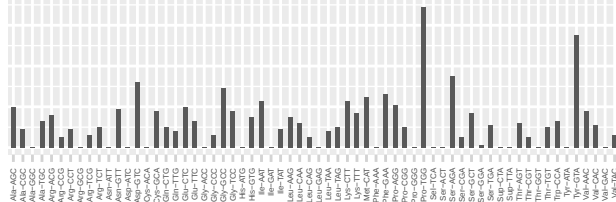
Hannuus



Iamara



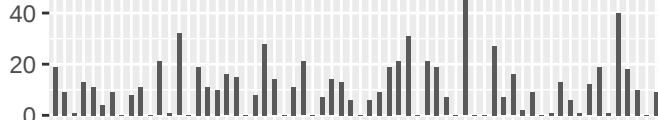
Itinctoria



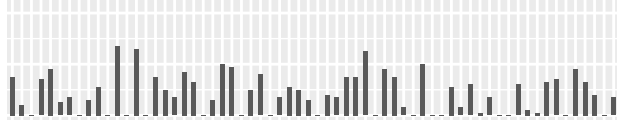
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Dicots

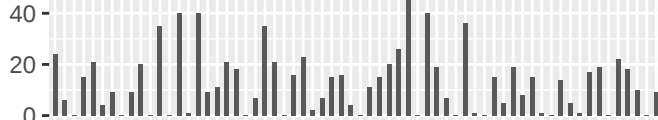
Lannua



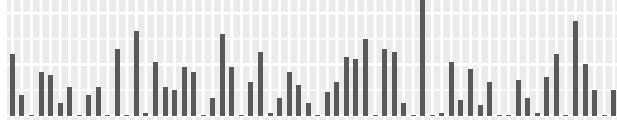
Ljaponicus



Lsativa



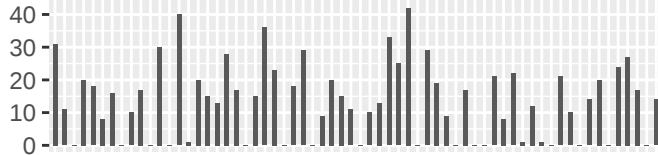
Lsativum



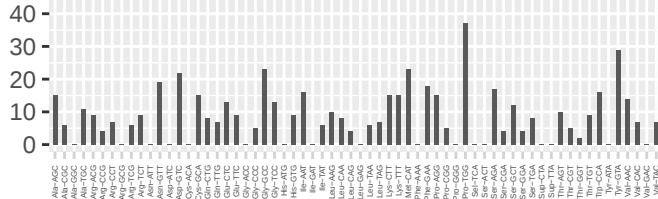
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Dicots

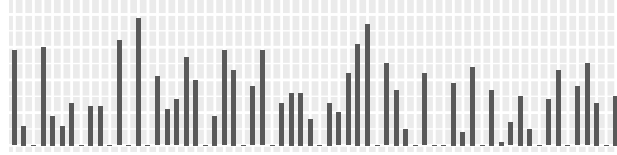
Lusitatissimum



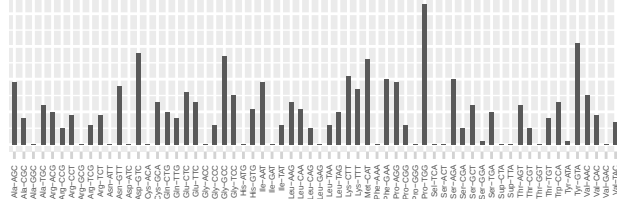
Mmaritima



Mesculenta



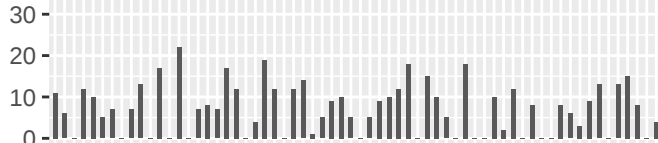
Mperfoliatum



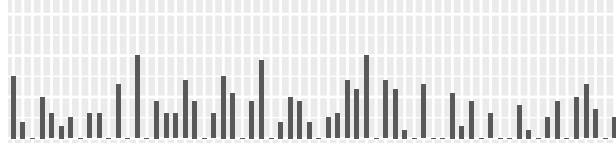
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Dicots

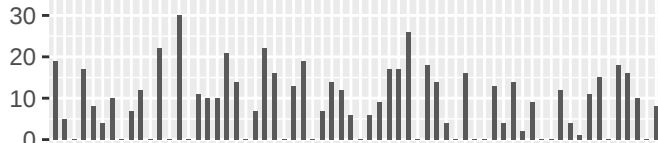
Oeuropaea



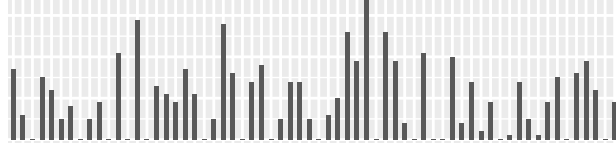
Ppersica



Ptrichocarpa



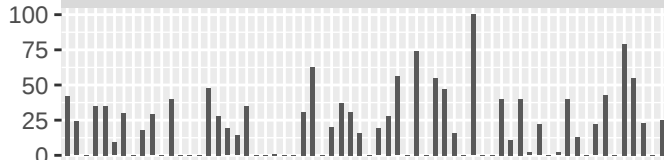
Pvulgaris



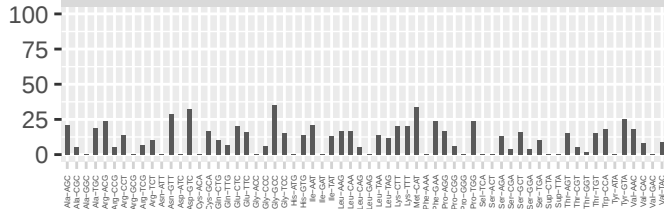
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Dicots

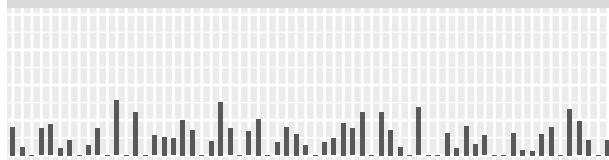
Salba



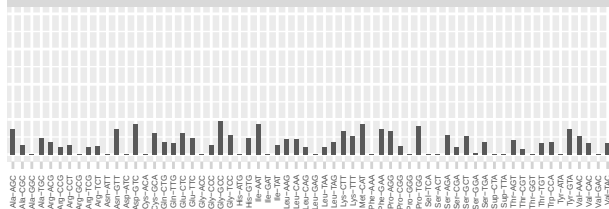
Soleracea



Slycopersicum



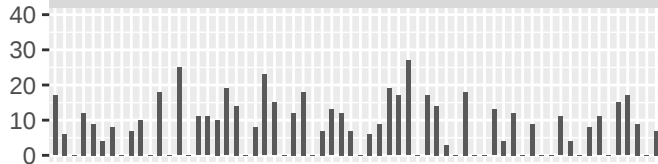
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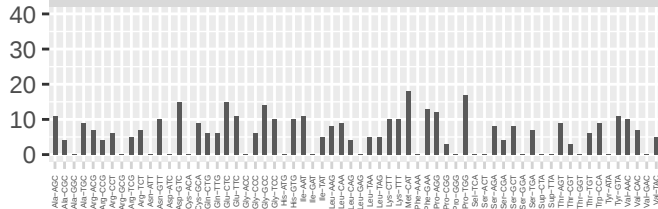
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Dicots

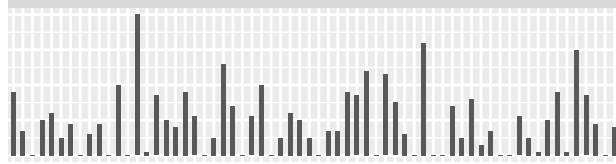
Spurpurea



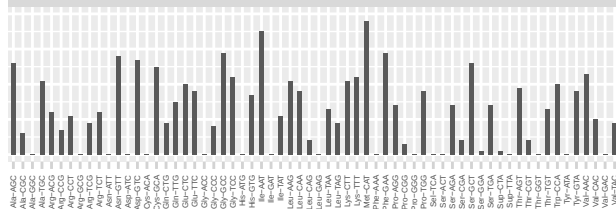
Tcacao



Tarvense



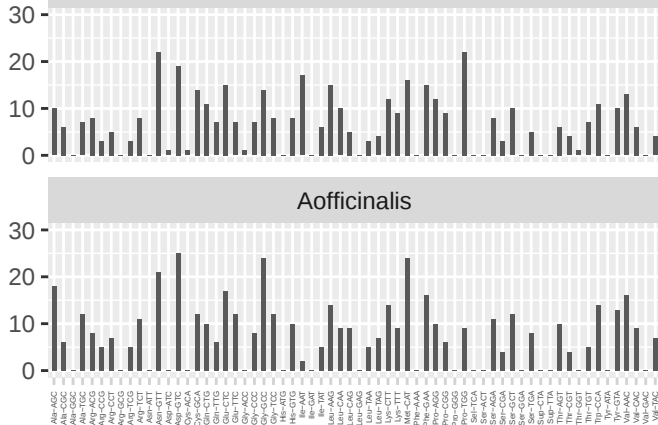
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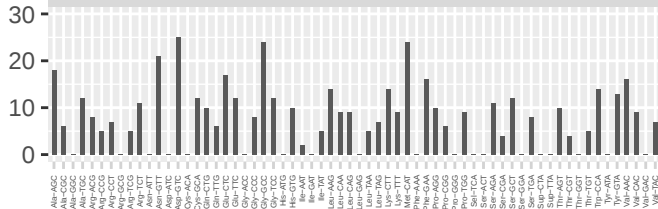
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Monocots

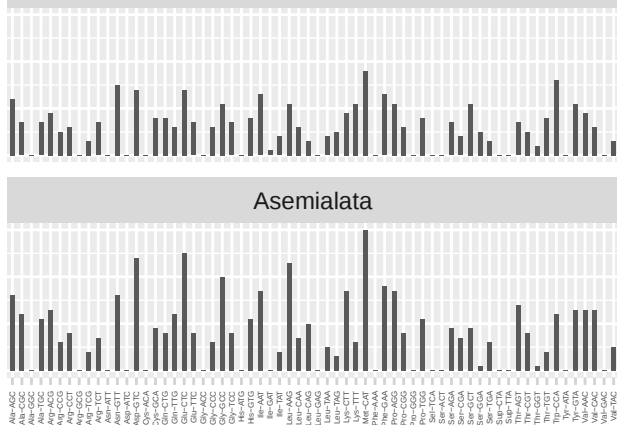
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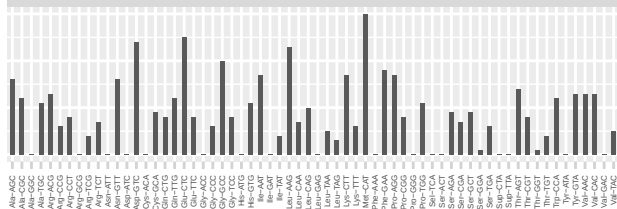
Aofficinalis



Acomosus



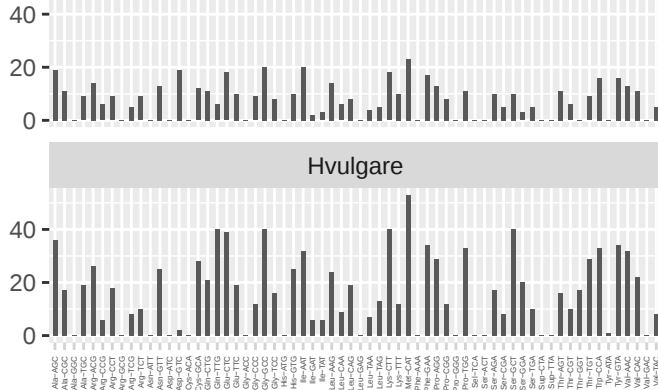
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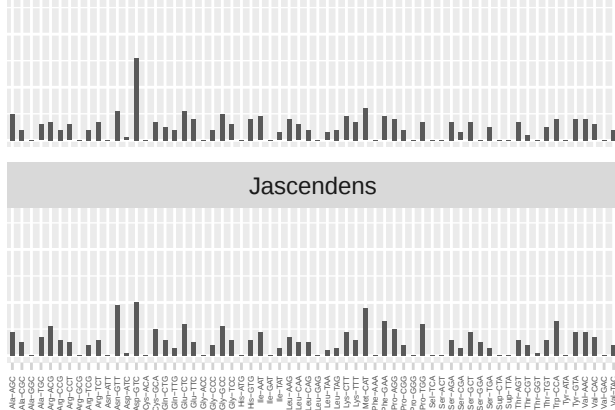
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Monocots

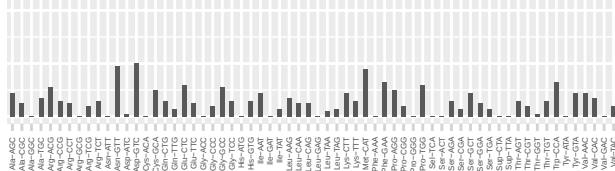
Bdistachyon



Dalata



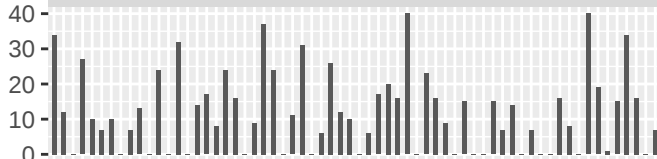
Jascendens



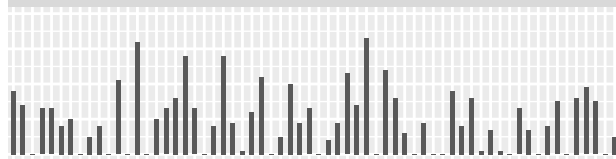
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Monocots

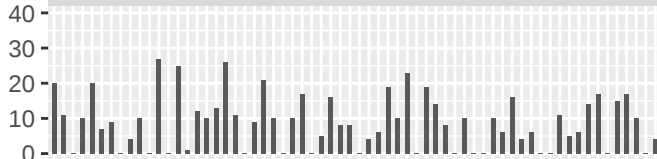
Mbalbisiana



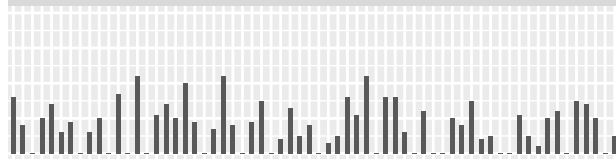
Msinensis



Osativa



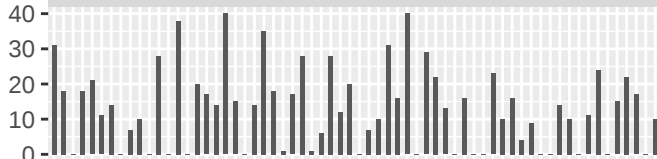
Pvaginatum



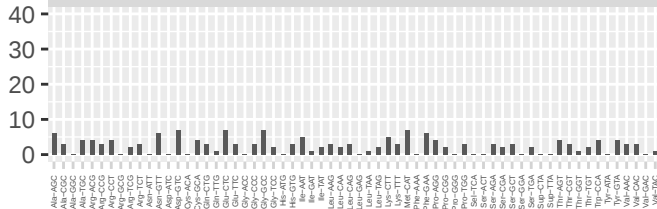
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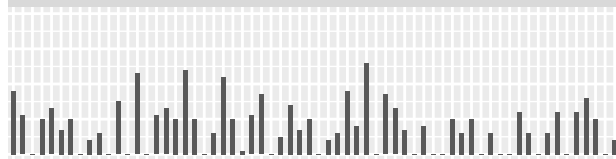
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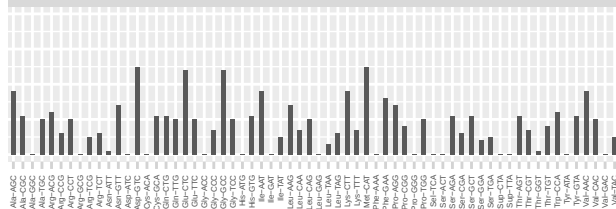
Spolyrhiza



Sbicolor



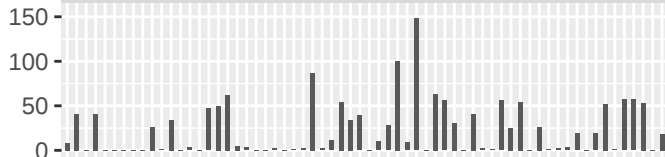
Sviridis



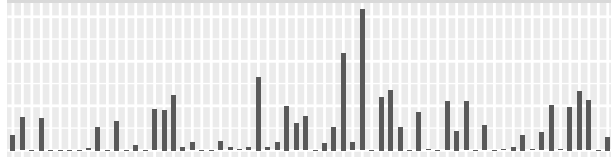
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Monocots

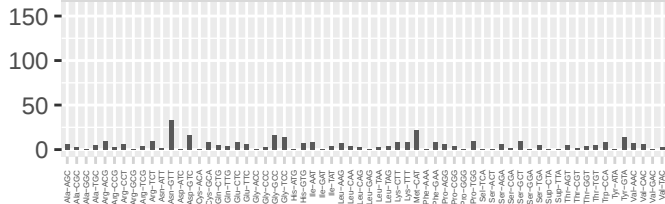
Taestivum



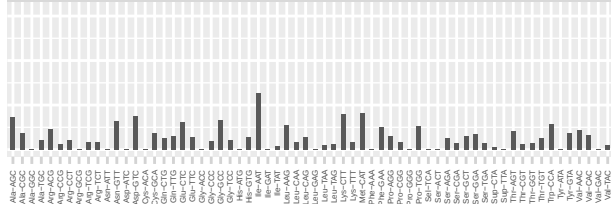
Tintermedium



Zmarina



Zmays



Isoacceptor