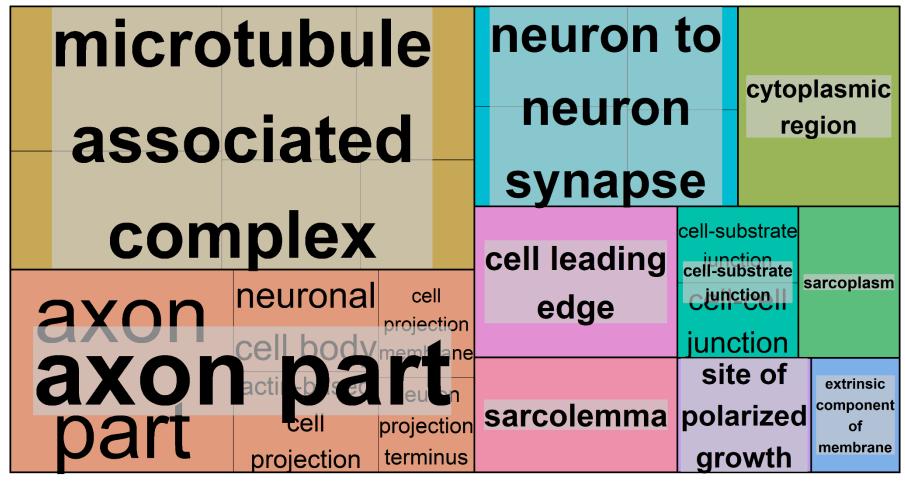
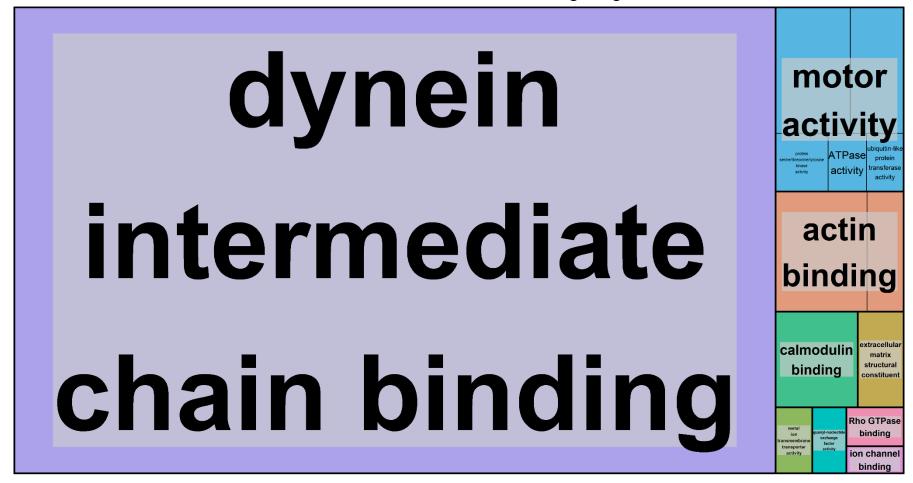
Cellular Component terms for the longest genes



Supplementary Figure 2A.

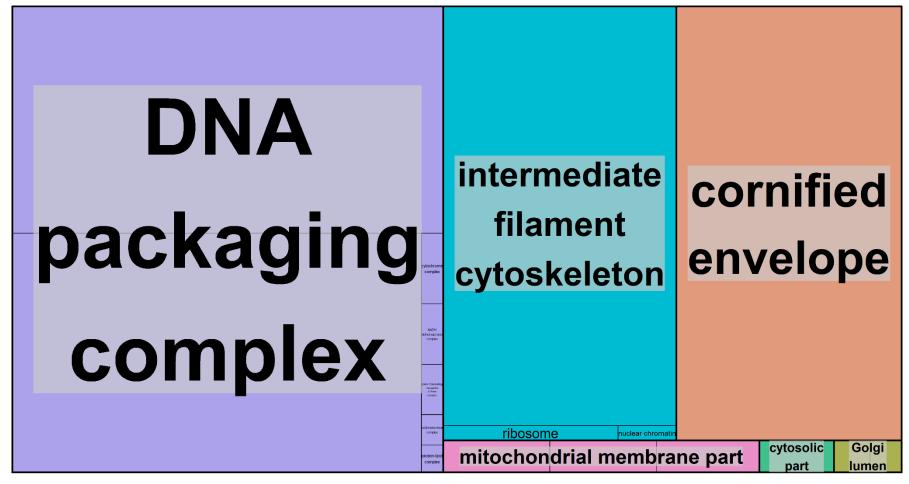
Cellular Component terms found associated to genes with the longest transcript length (5%). The significance level was p<0.05 and the FDR was set at 0.05. FDR estimation was done using the Benjamini–Hochberg method.



Supplementary Figure 2B.

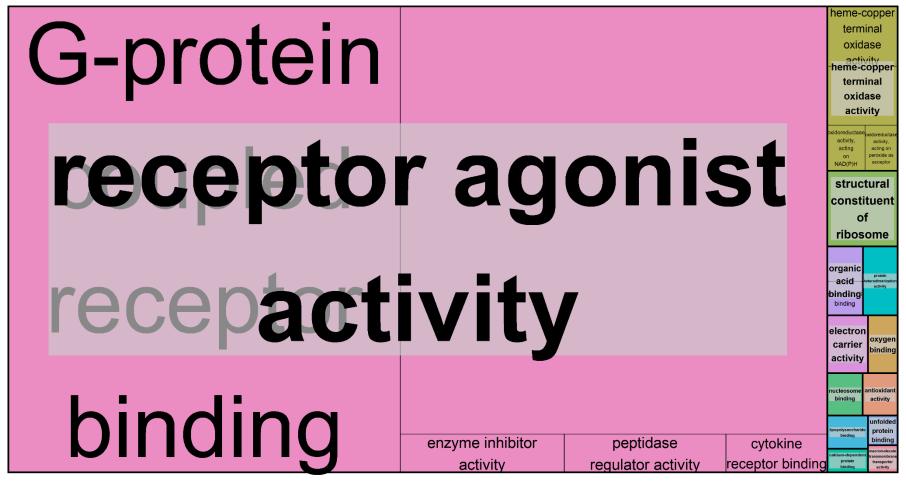
Molecular Function terms found associated to genes with the longest transcript length (5%). The significance level was p<0.05 and the FDR was set at 0.05. FDR estimation was done using the Benjamini–Hochberg method.

Cellular Component terms for the smallest genes



Supplementary Figure 2C.

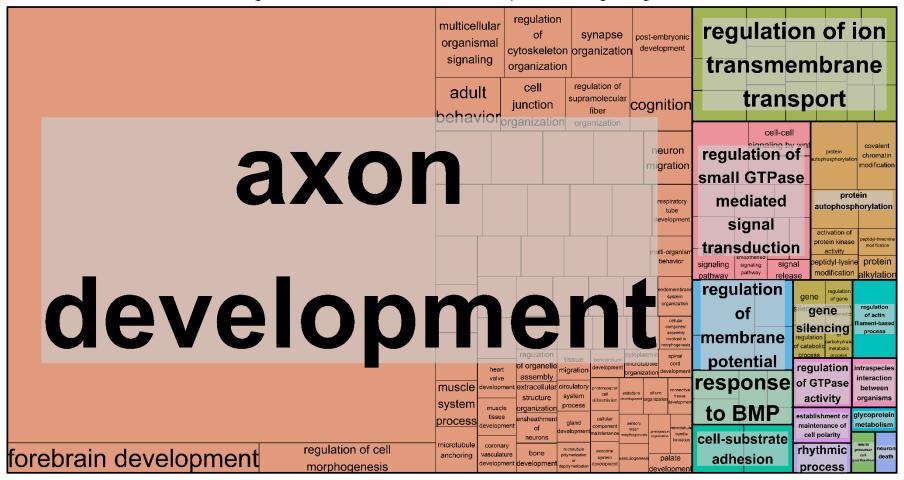
Cellular Component terms found associated to genes with the smallest transcript length (5%). The significance level was p<0.05 and the FDR was set at 0.05. FDR estimation was done using the Benjamini–Hochberg method.



Supplementary Figure 2D.

Molecular Function terms found associated to genes with the smallest transcript length (5%). The significance level was p<0.05 and the FDR was set at 0.05. FDR estimation was done using the Benjamini–Hochberg method.

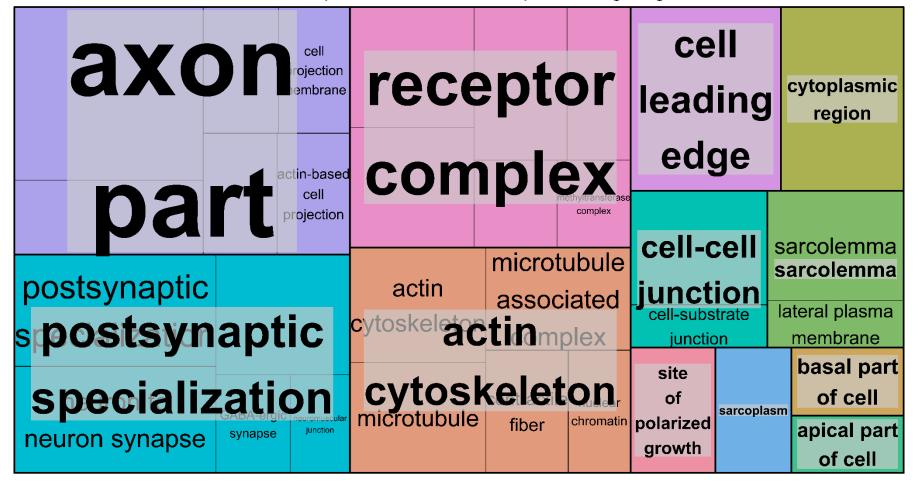
Biological Process terms for the top 10% longest genes



Supplementary Figure 2E.

Biological Process terms found associated to genes with the longest transcript length (10%). The significance level was p<0.05 and the FDR was set at 0.05. FDR estimation was done using the Benjamini–Hochberg method.

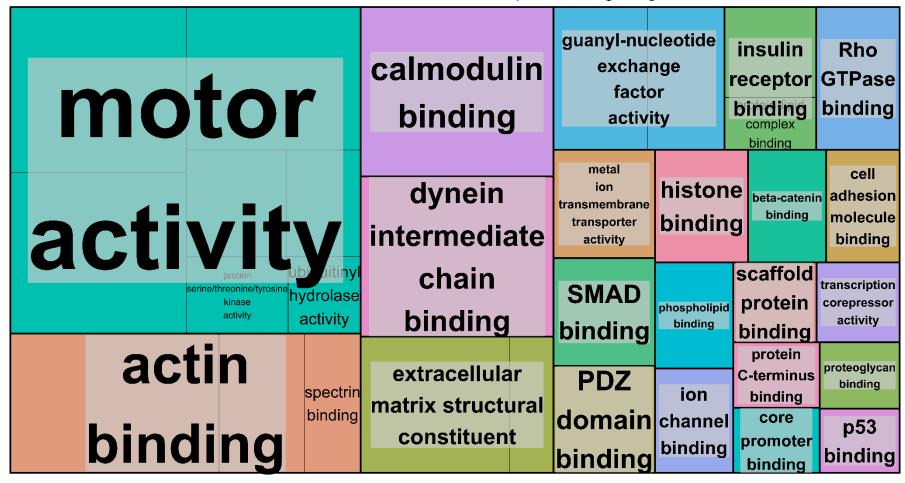
Cellular Component terms for the top 10% longest genes



Supplementary Figure 2F.

Cellular Component terms found associated to genes with the longest transcript length (10%). The significance level was p<0.05 and the FDR was set at 0.05. FDR estimation was done using the Benjamini–Hochberg method.

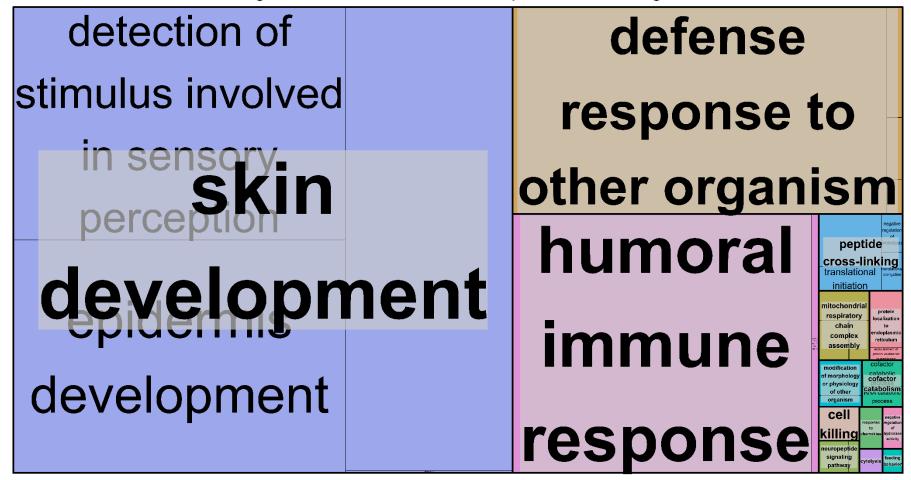
Molecular Function terms for the top 10% longest genes



Supplementary Figure 2G.

Molecular Function terms found associated to genes with the longest transcript length (10%). The significance level was p<0.05 and the FDR was set at 0.05. FDR estimation was done using the Benjamini–Hochberg method.

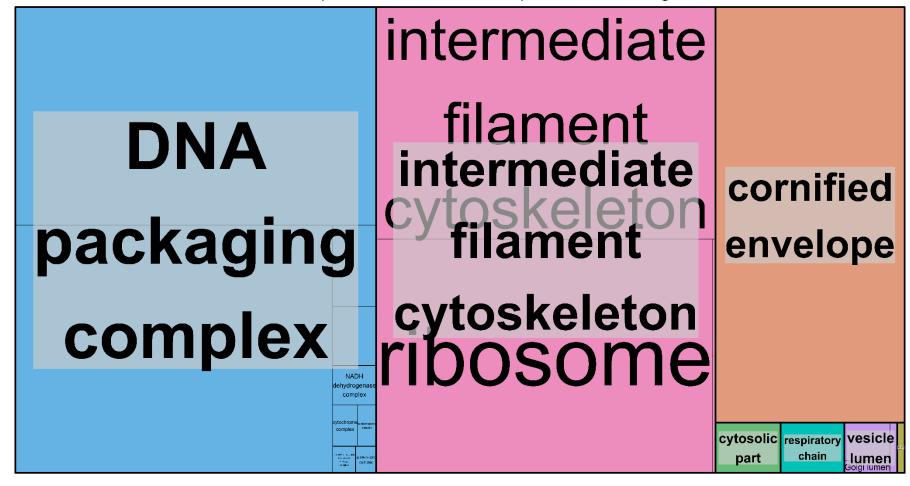
Biological Process terms for the top 10% smallest genes



Supplementary Figure 2H.

Biological Process terms found associated to genes with the smallest transcript length (10%). The significance level was p<0.05 and the FDR was set at 0.05. FDR estimation was done using the Benjamini–Hochberg method.

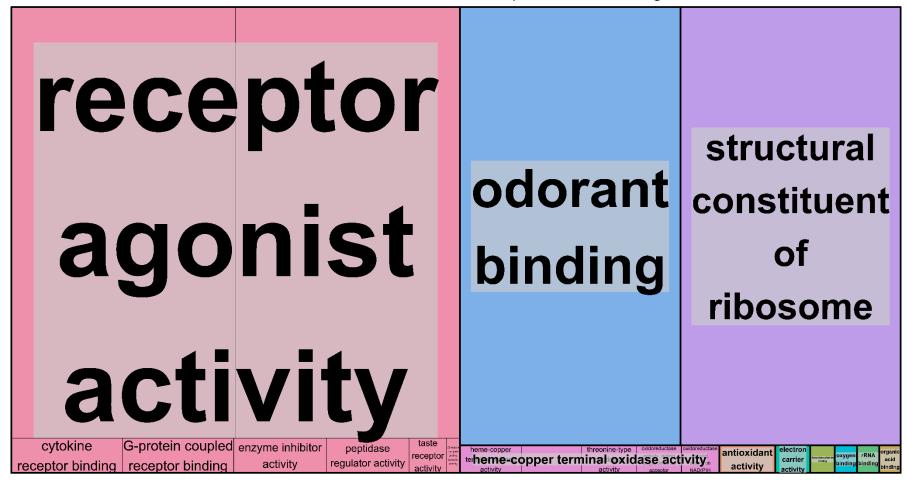
Cellular Component terms for the top 10% smallest genes



Supplementary Figure 2I.

Cellular Component terms found associated to genes with the smallest transcript length (10%). The significance level was p<0.05 and the FDR was set at 0.05. FDR estimation was done using the Benjamini–Hochberg method.

Molecular Function terms for the top 10% smallest genes



Supplementary Figure 2J.

Molecular Function terms found associated to genes with the smallest transcript length (10%). The significance level was p<0.05 and the FDR was set at 0.05. FDR estimation was done using the Benjamini–Hochberg method.