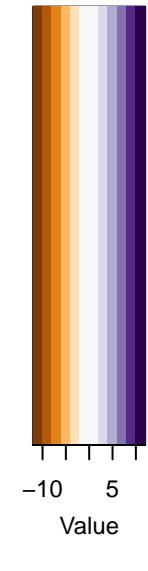
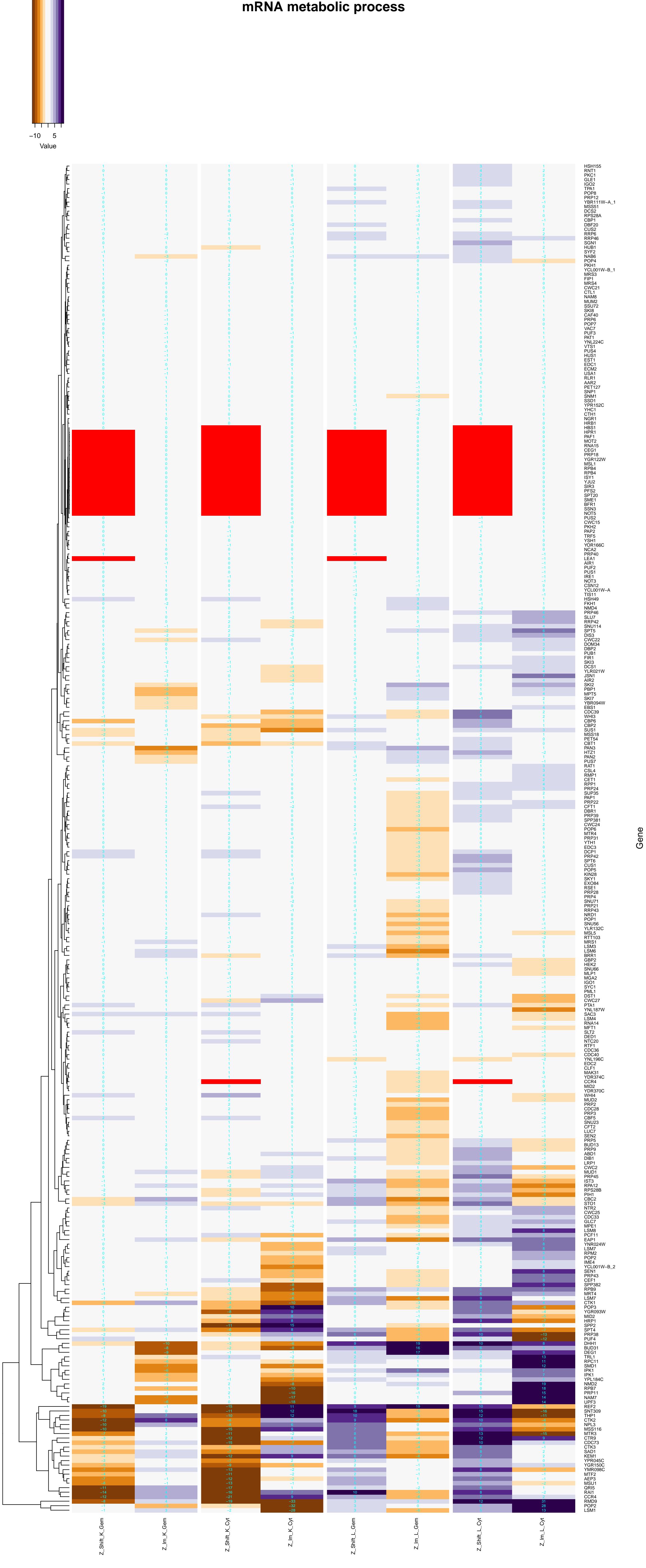


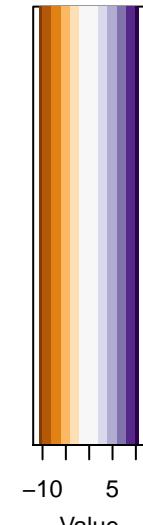
Color Key



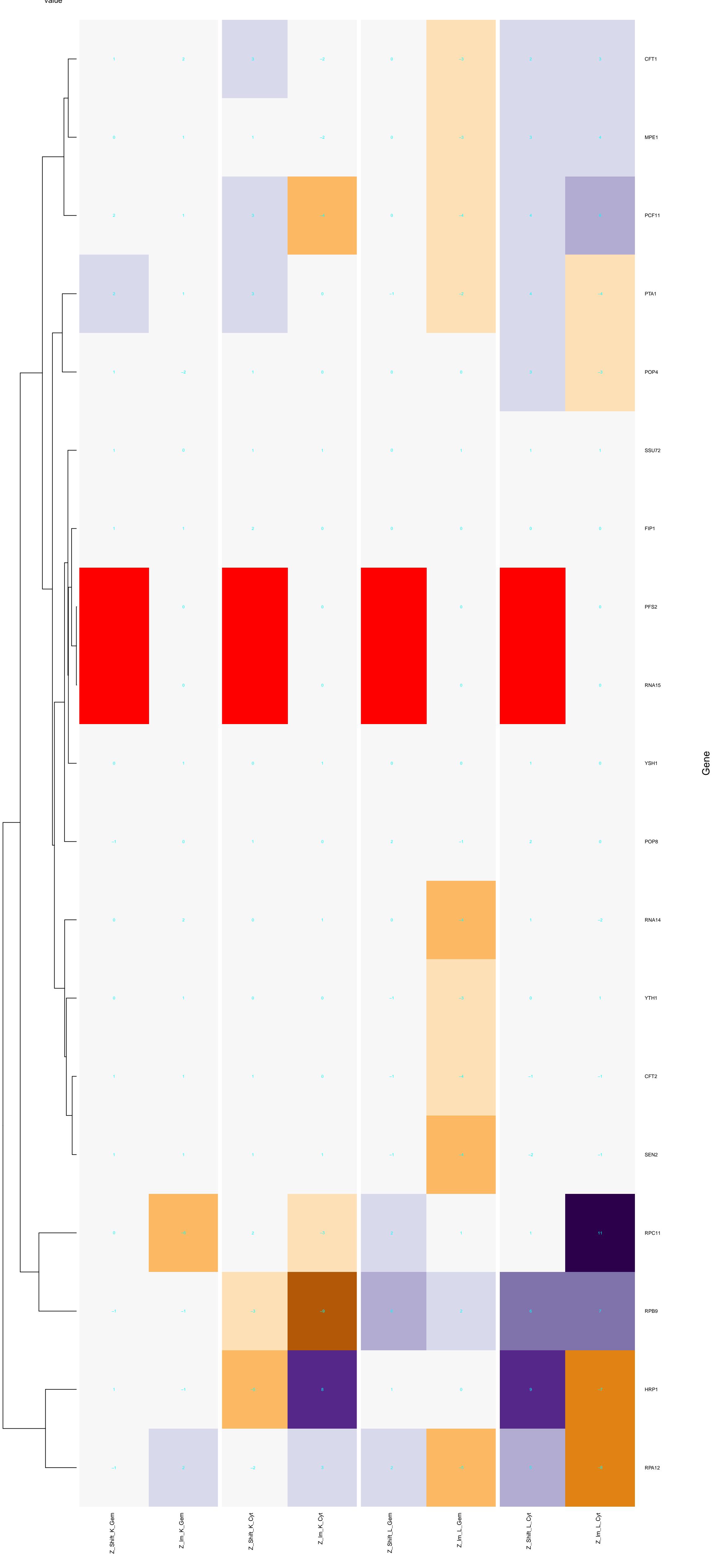
mRNA metabolic process



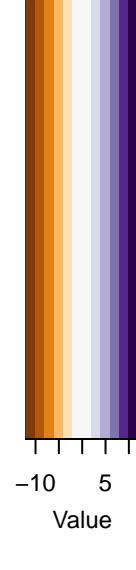
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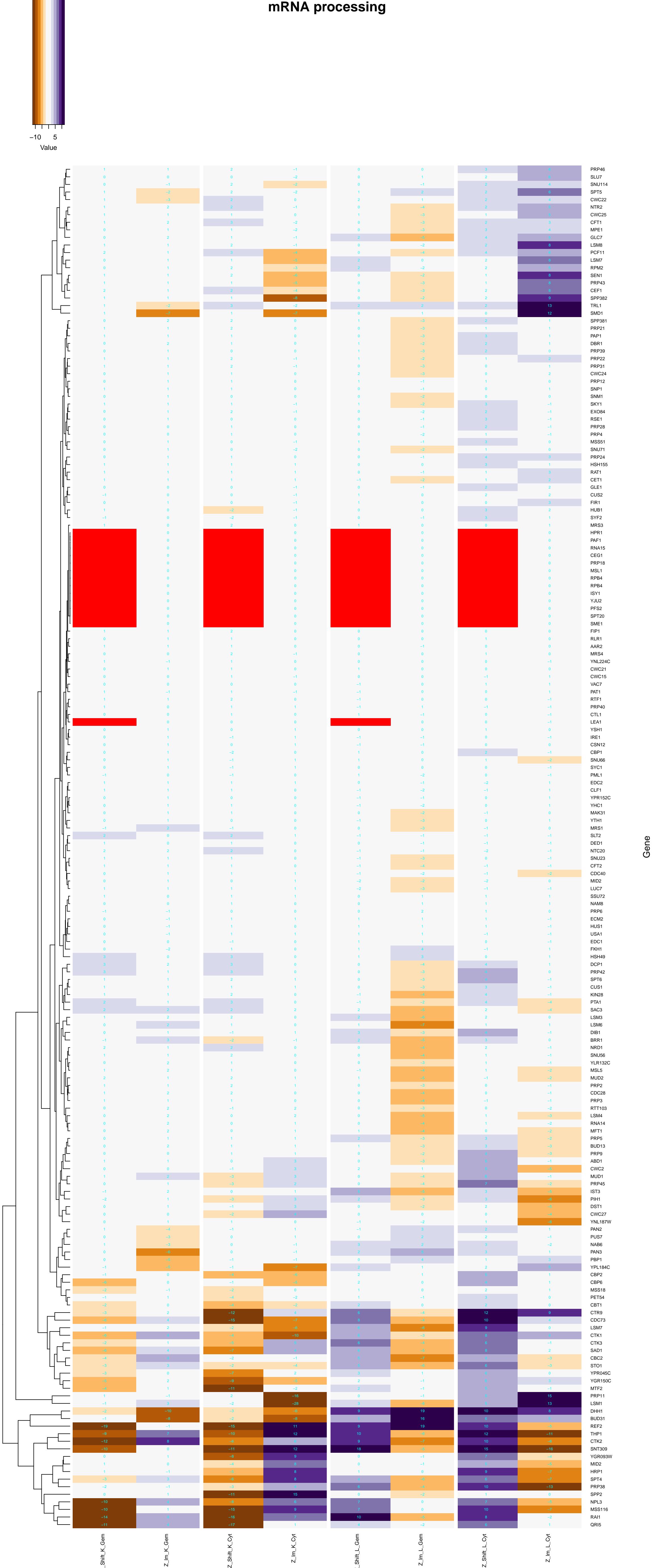
mRNA cleavage



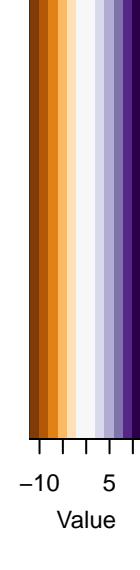
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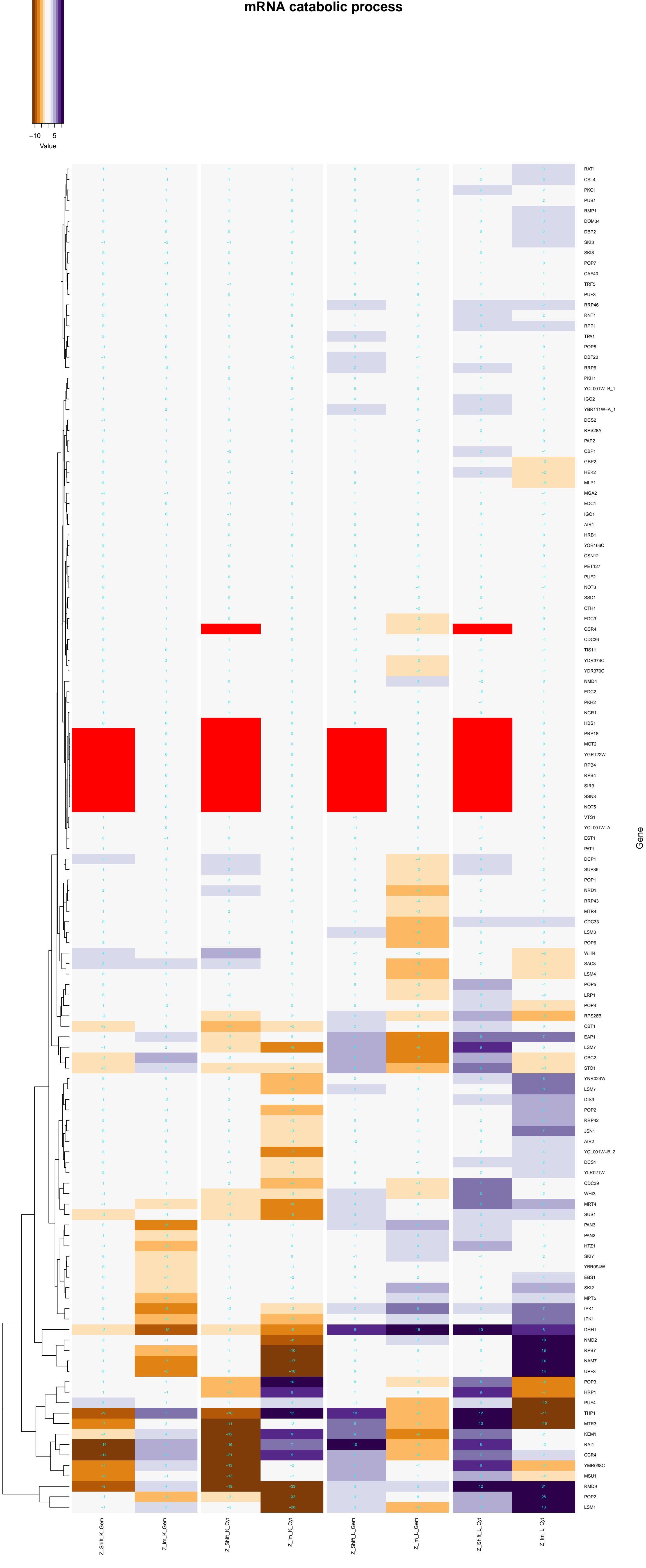
mRNA processing



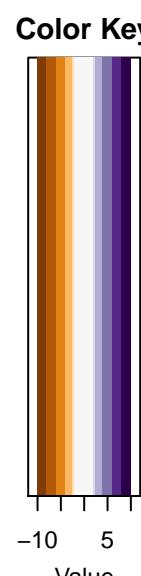
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mRNA catabolic process

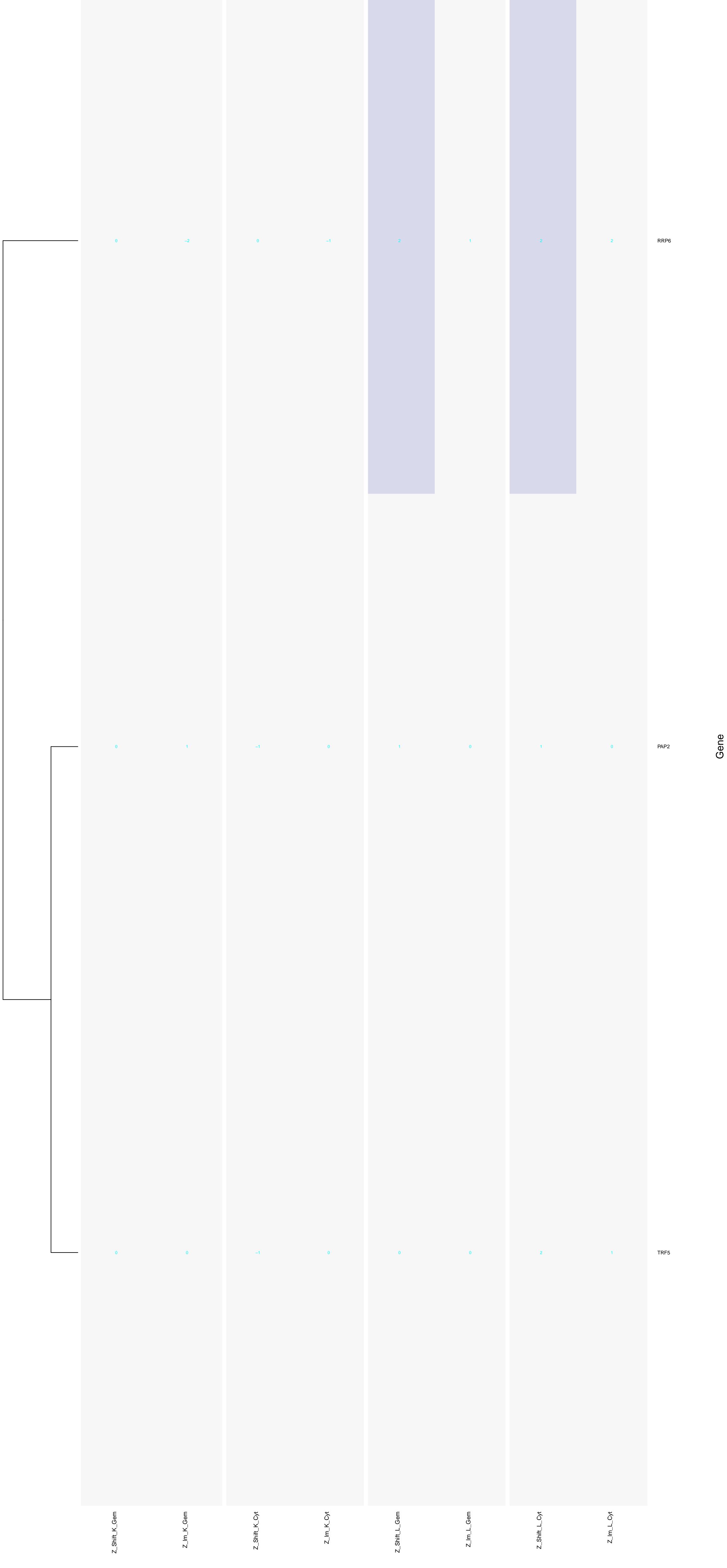


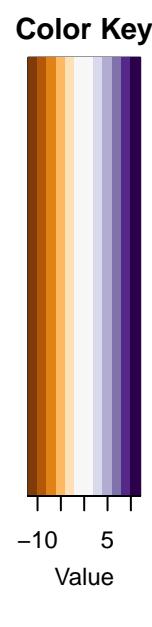
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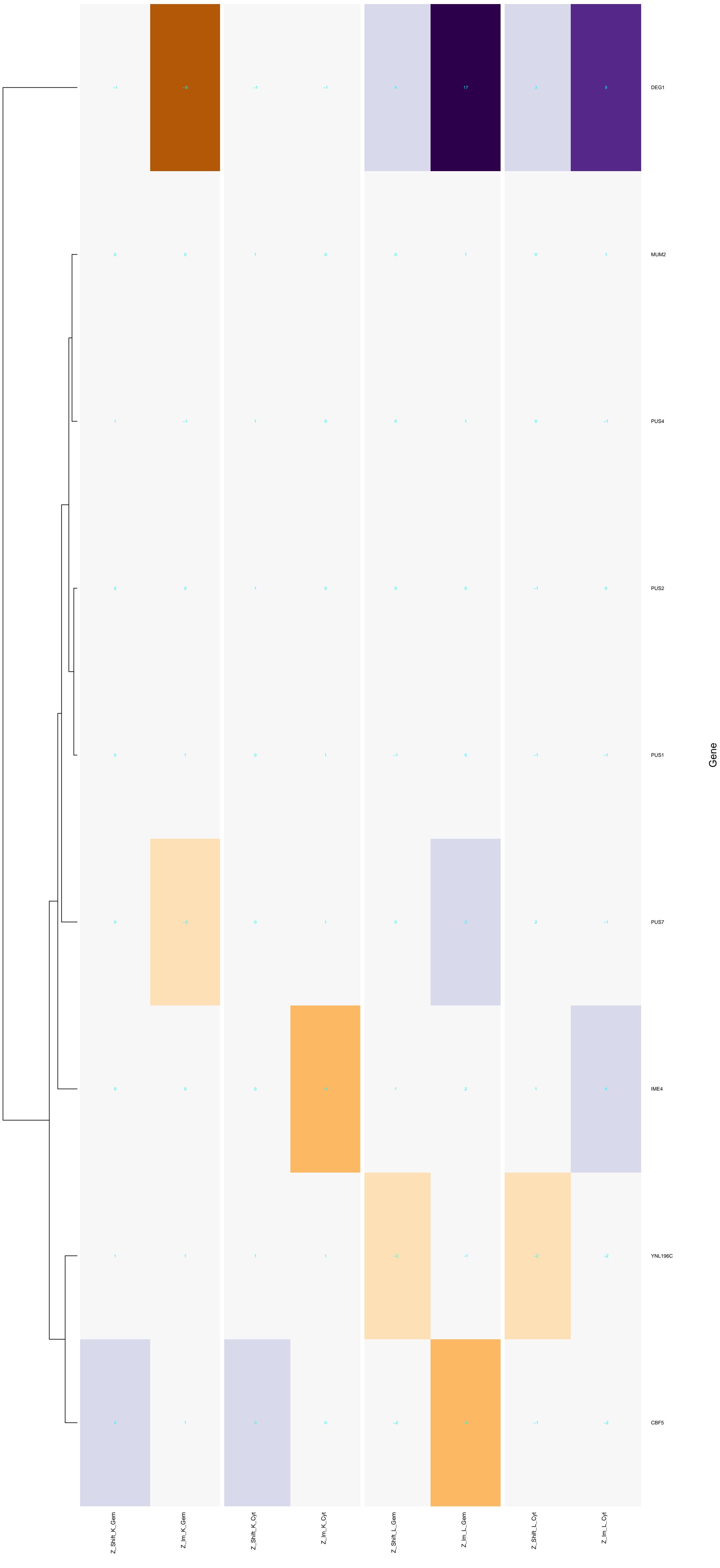
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histone mRNA metabolic process

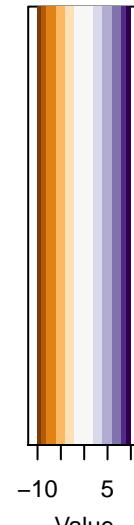




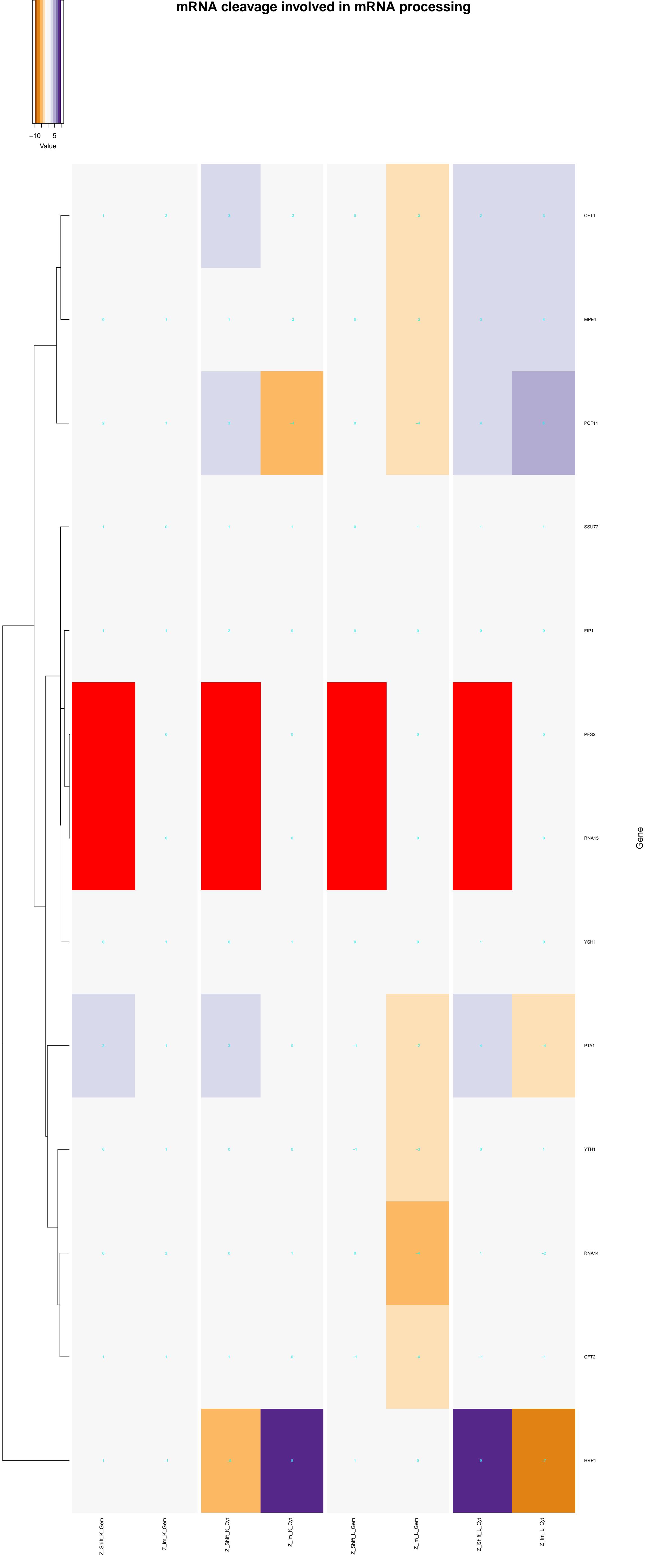
mRNA modification



Color Key

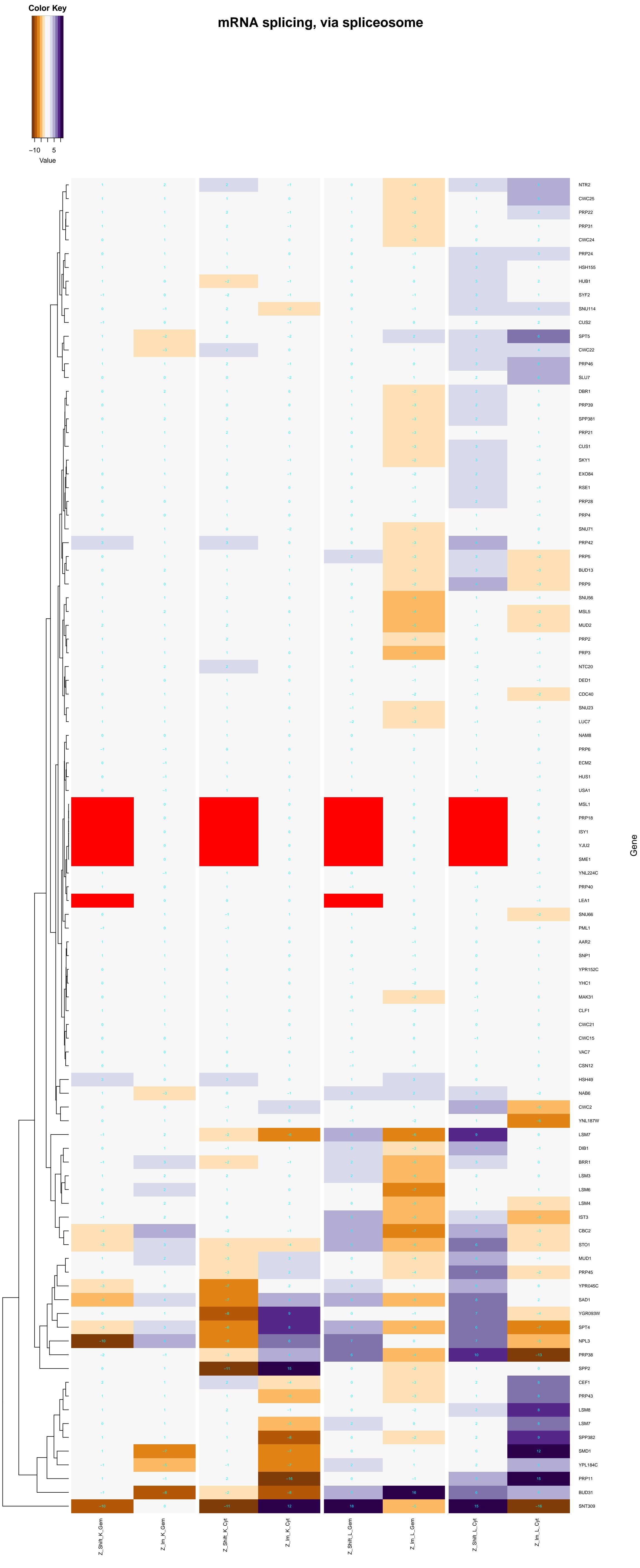


mRNA cleavage involved in mRNA processing

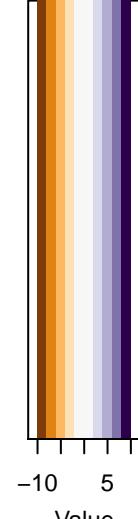


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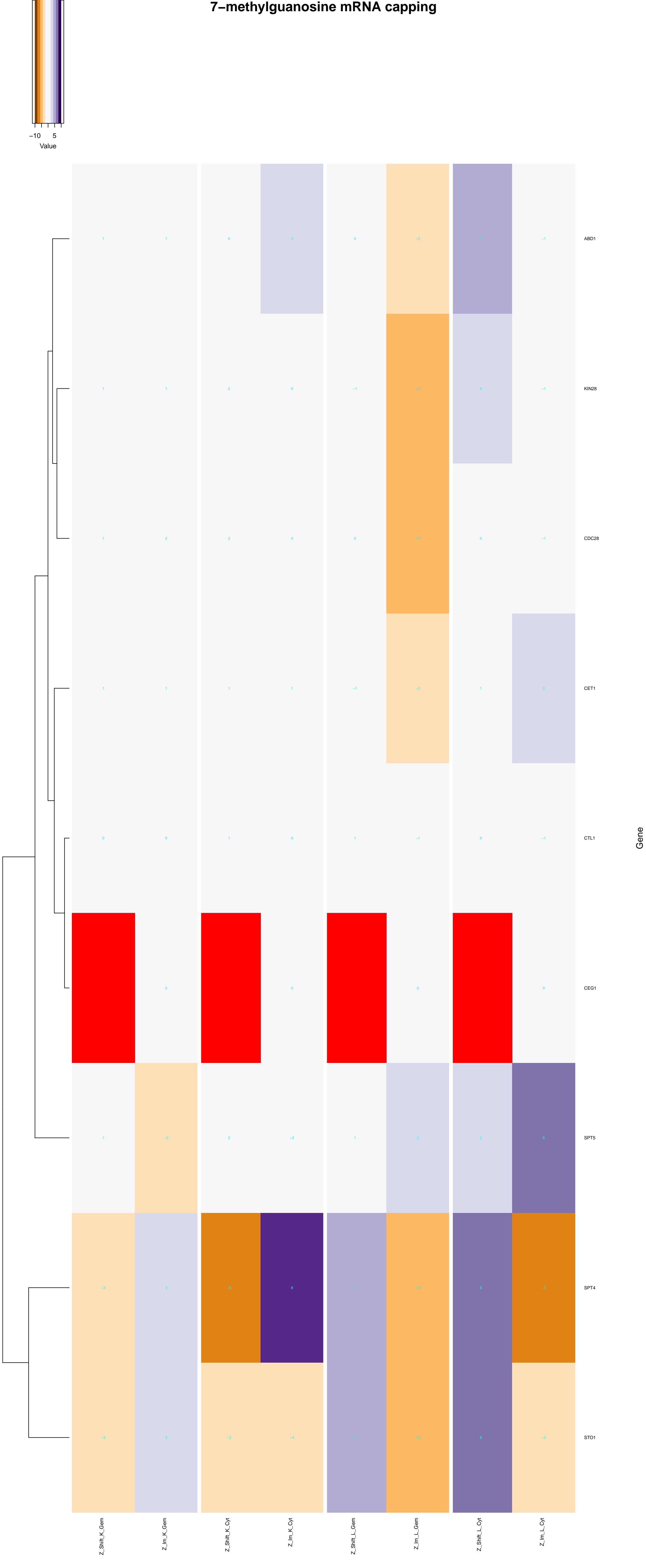
mRNA splicing, via spliceosome

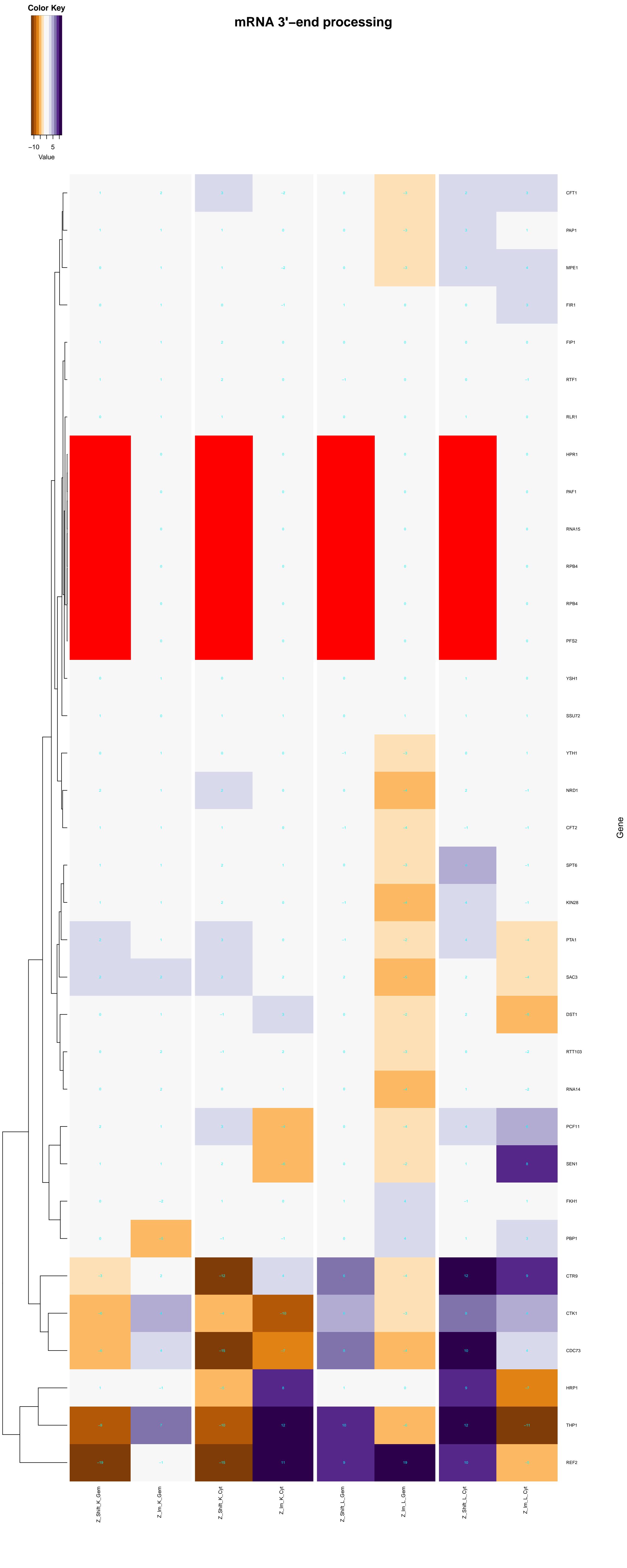


Color Key



7-methylguanosine mRNA capping

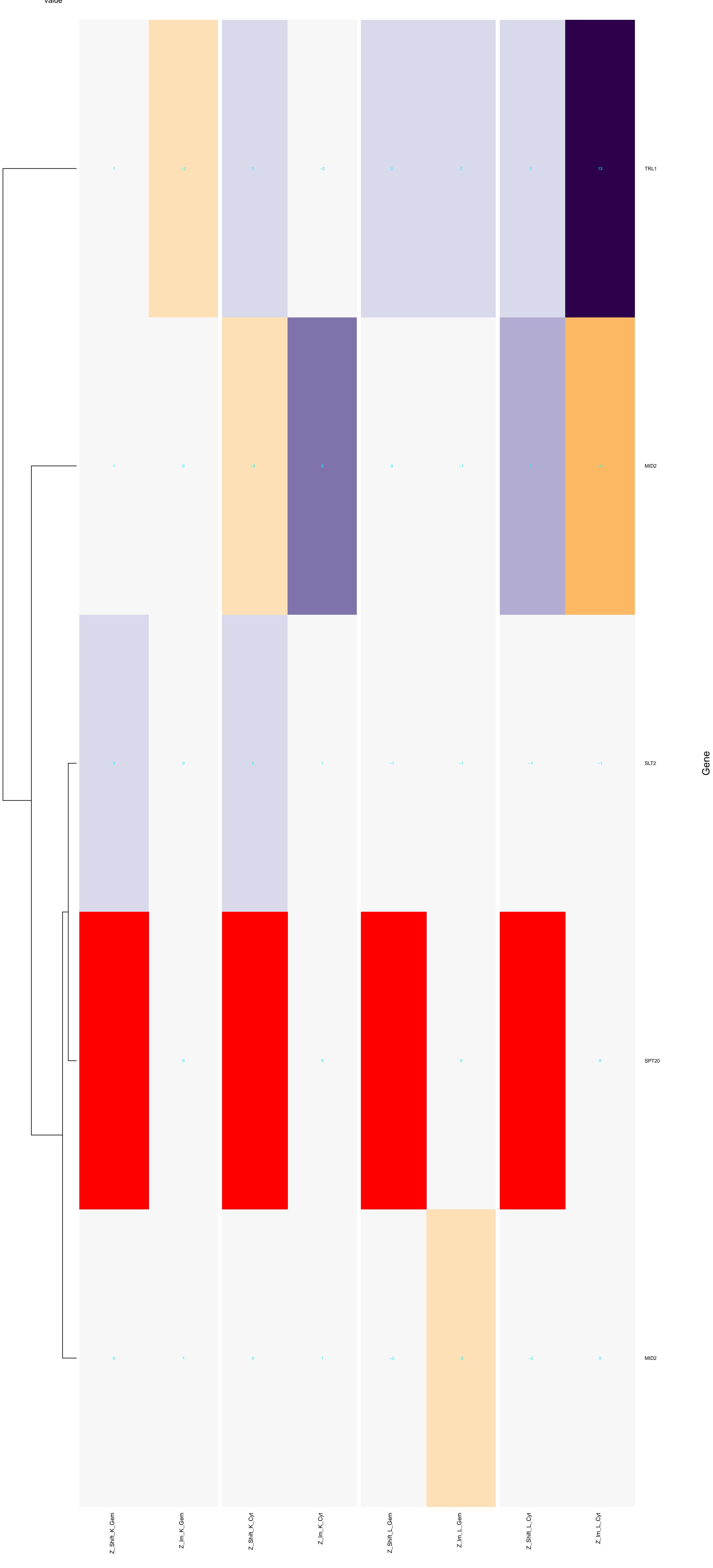


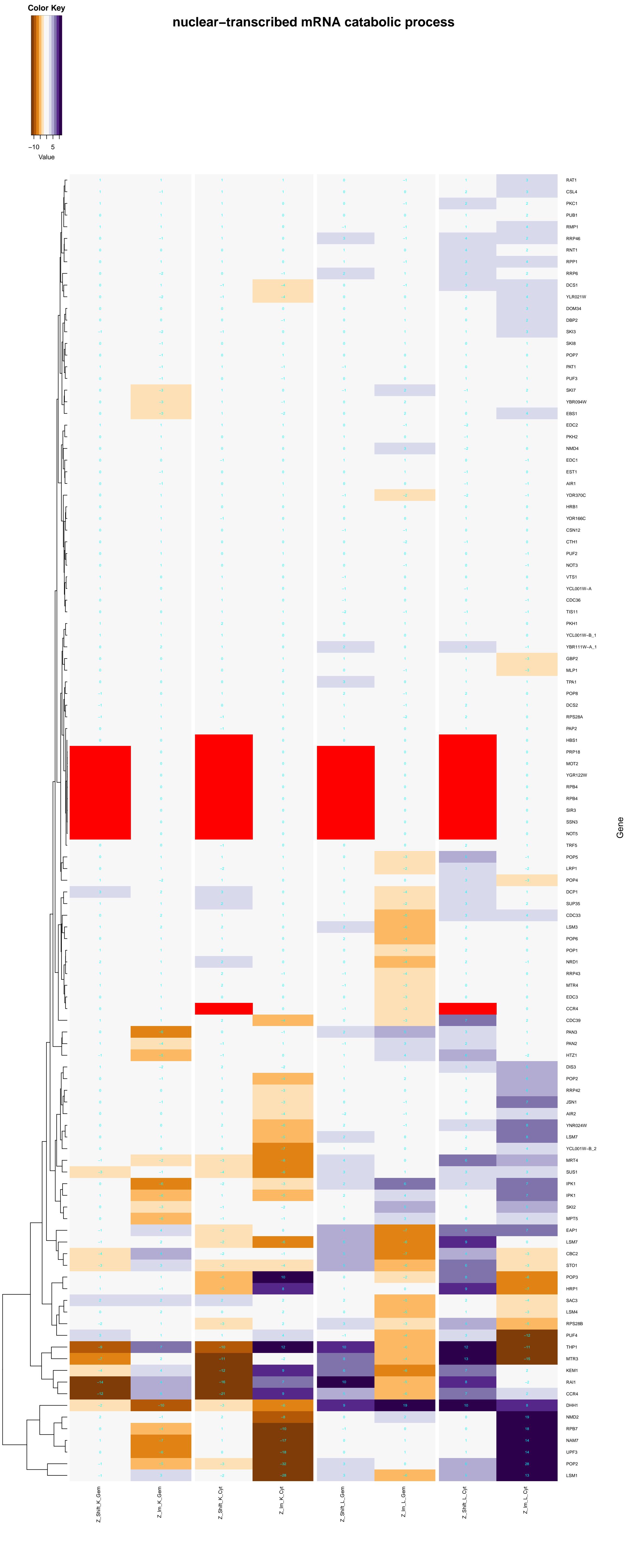


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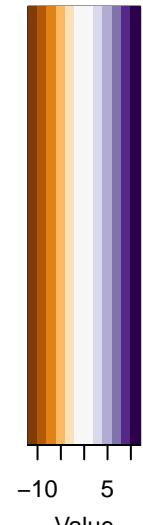


mRNA splicing, via endonucleolytic cleavage and ligation

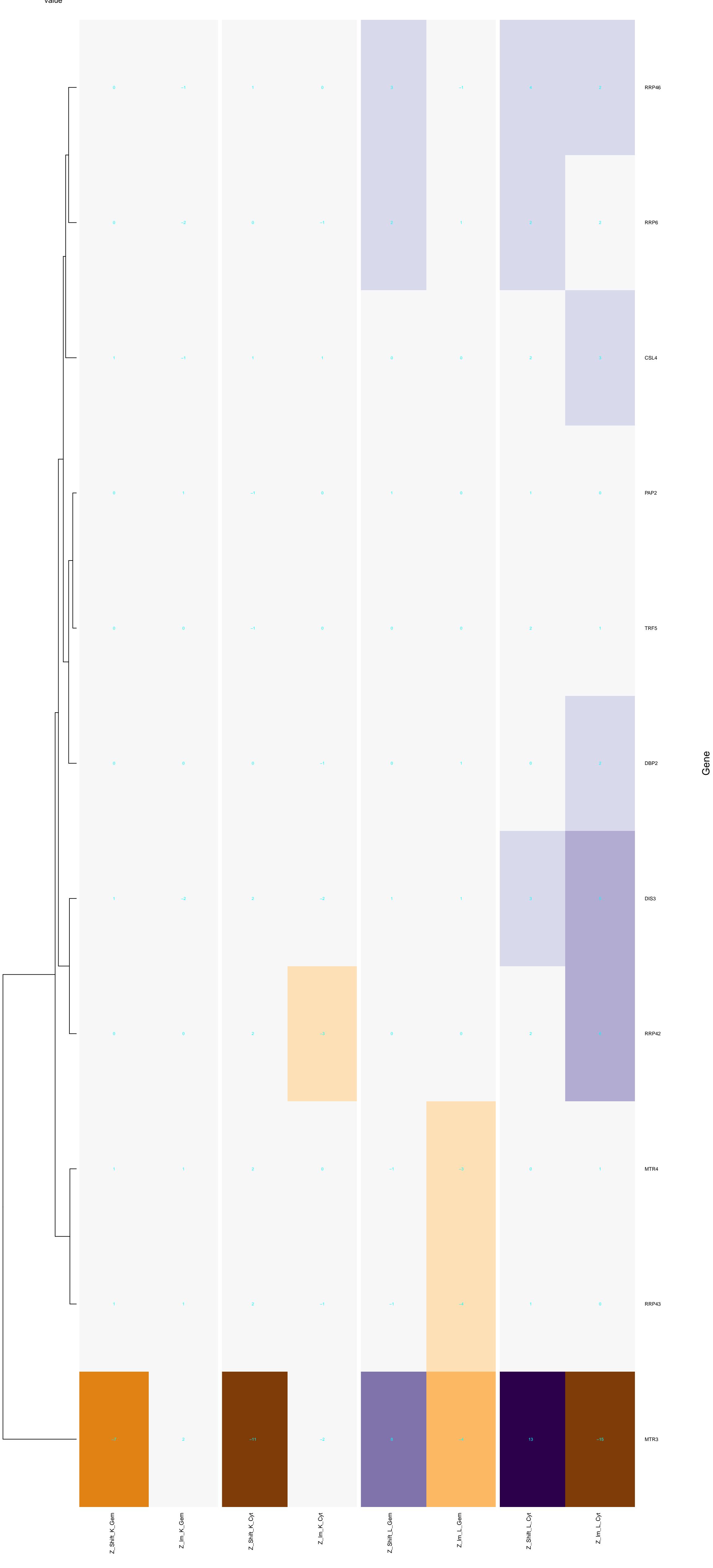




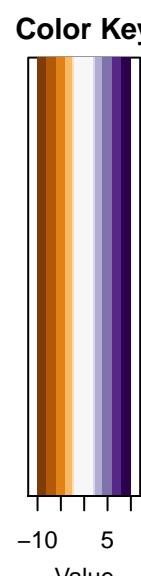
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polyadenylation-dependent mRNA catabolic process

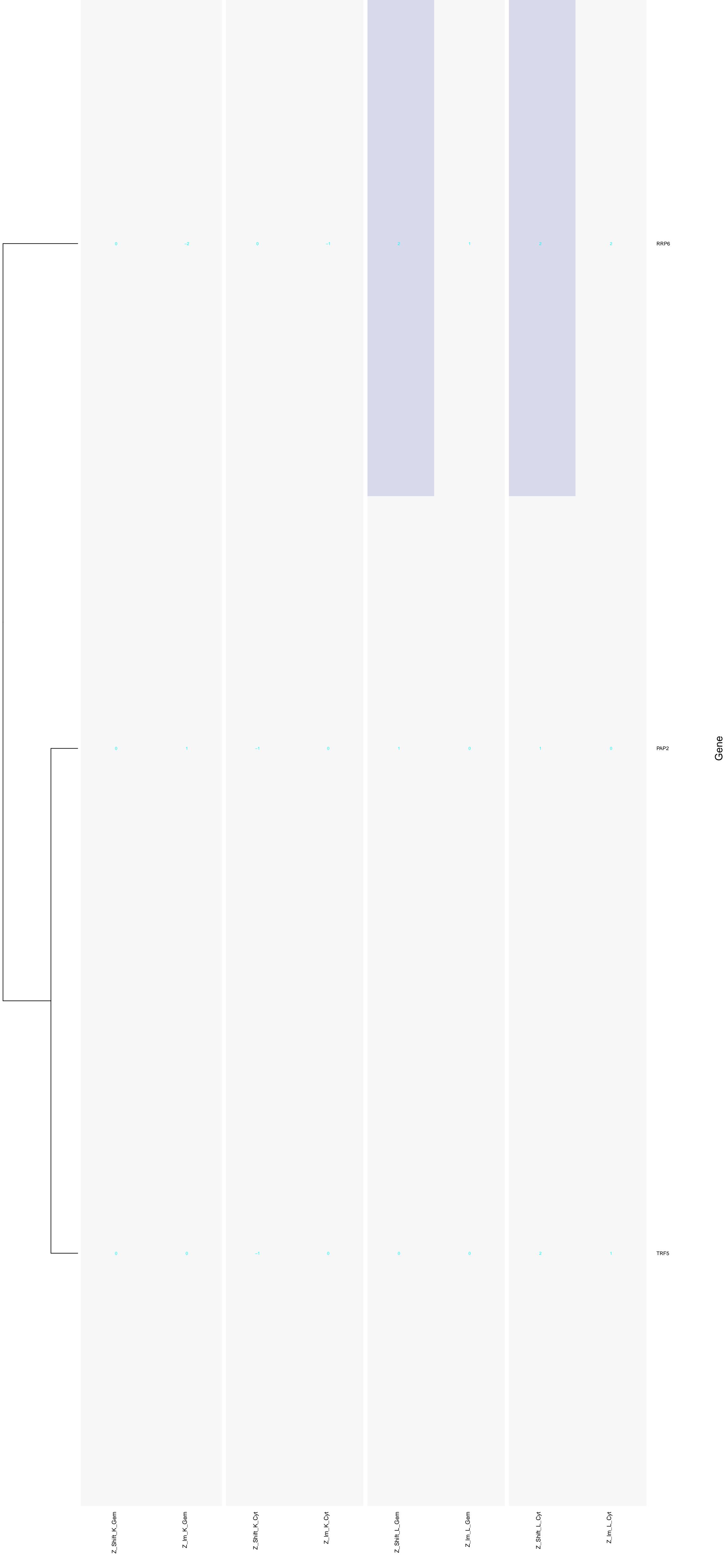


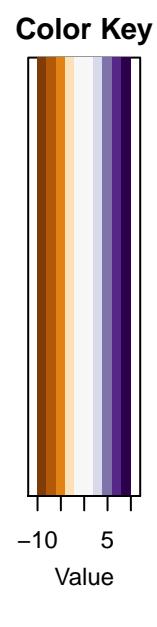
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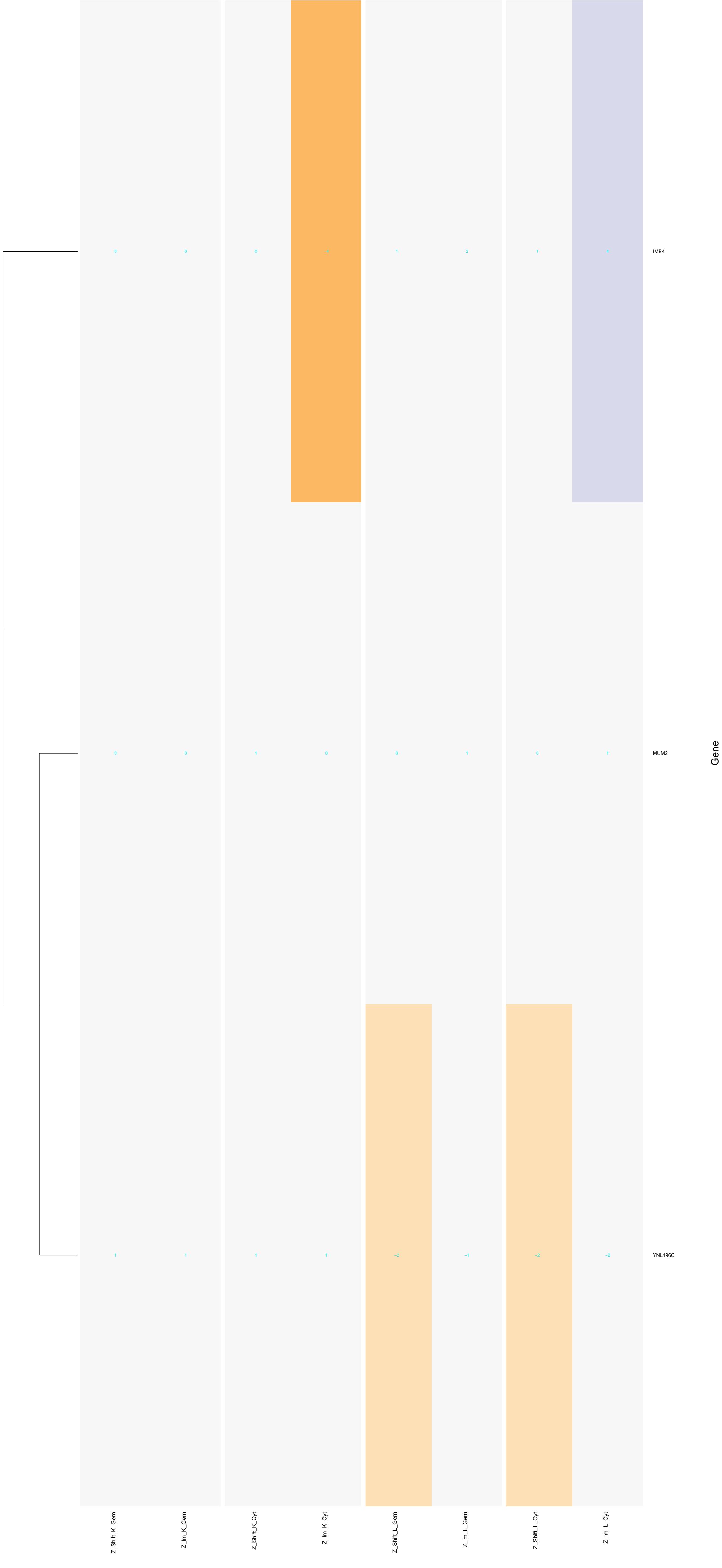
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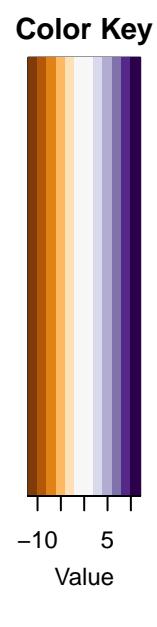
histone mRNA catabolic process



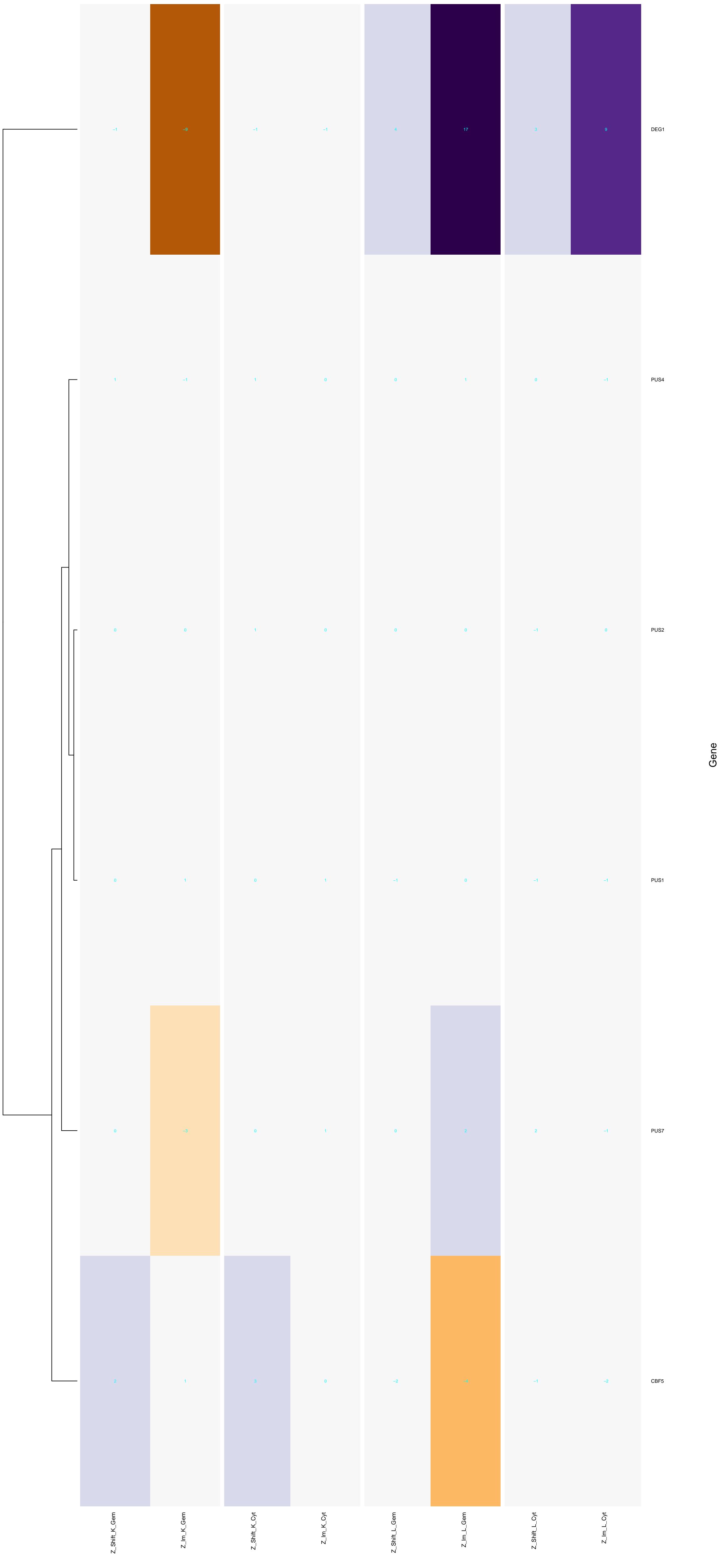


mRNA methylation

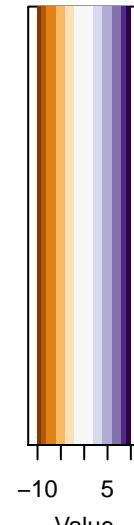




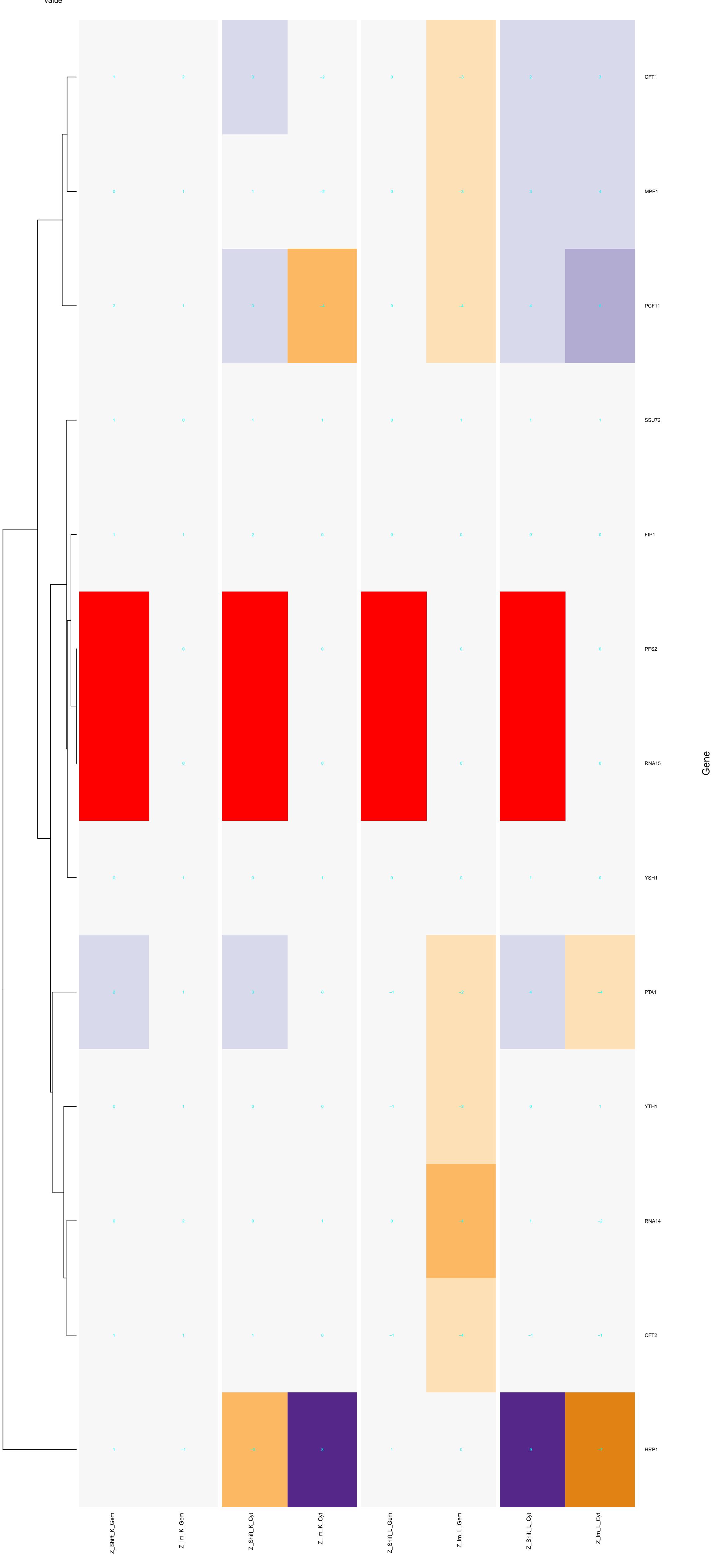
mRNA pseudouridine synthesis



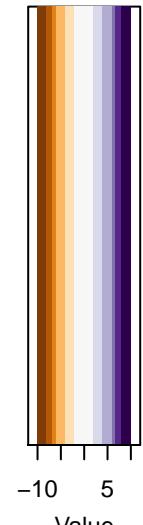
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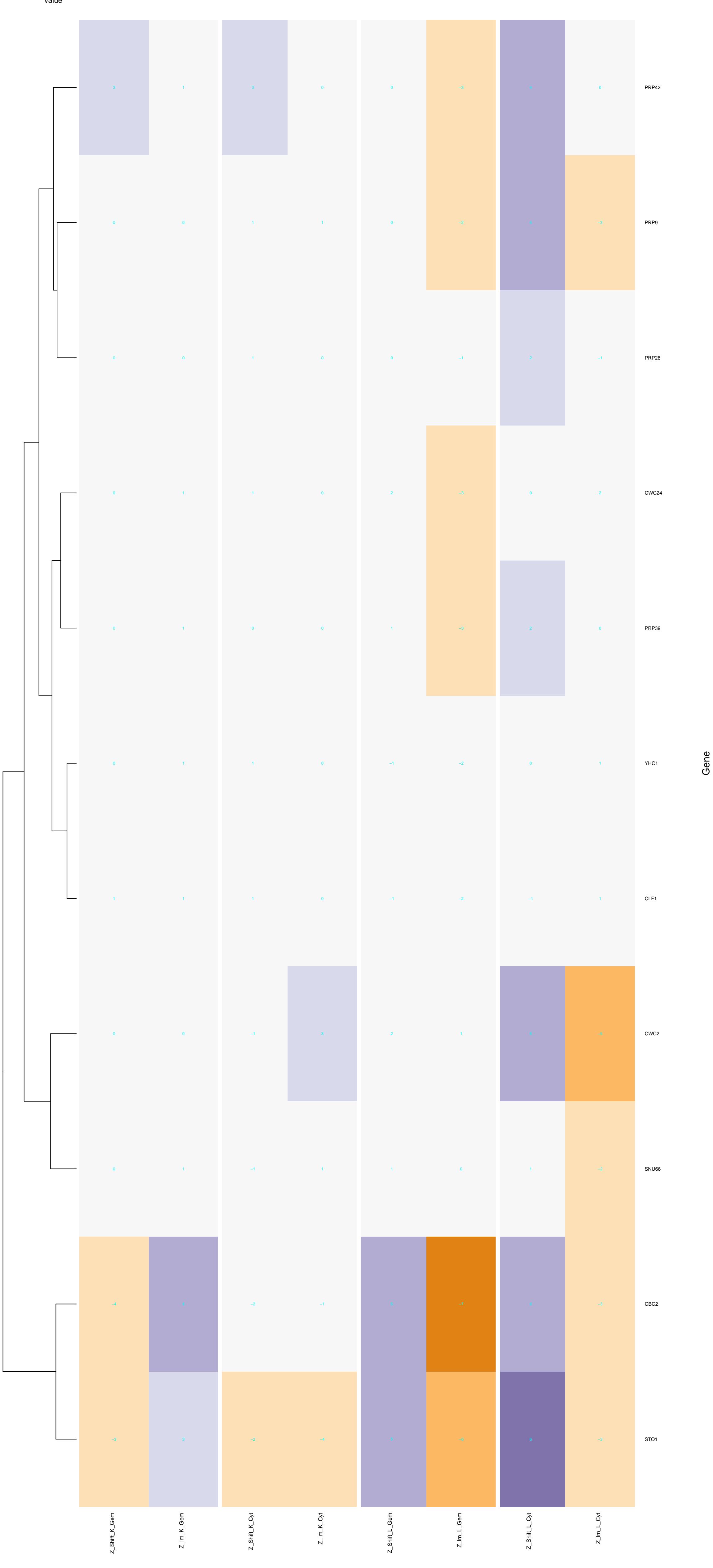
pre-mRNA cleavage required for polyadenylation



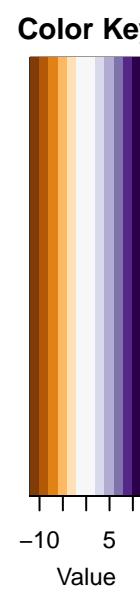
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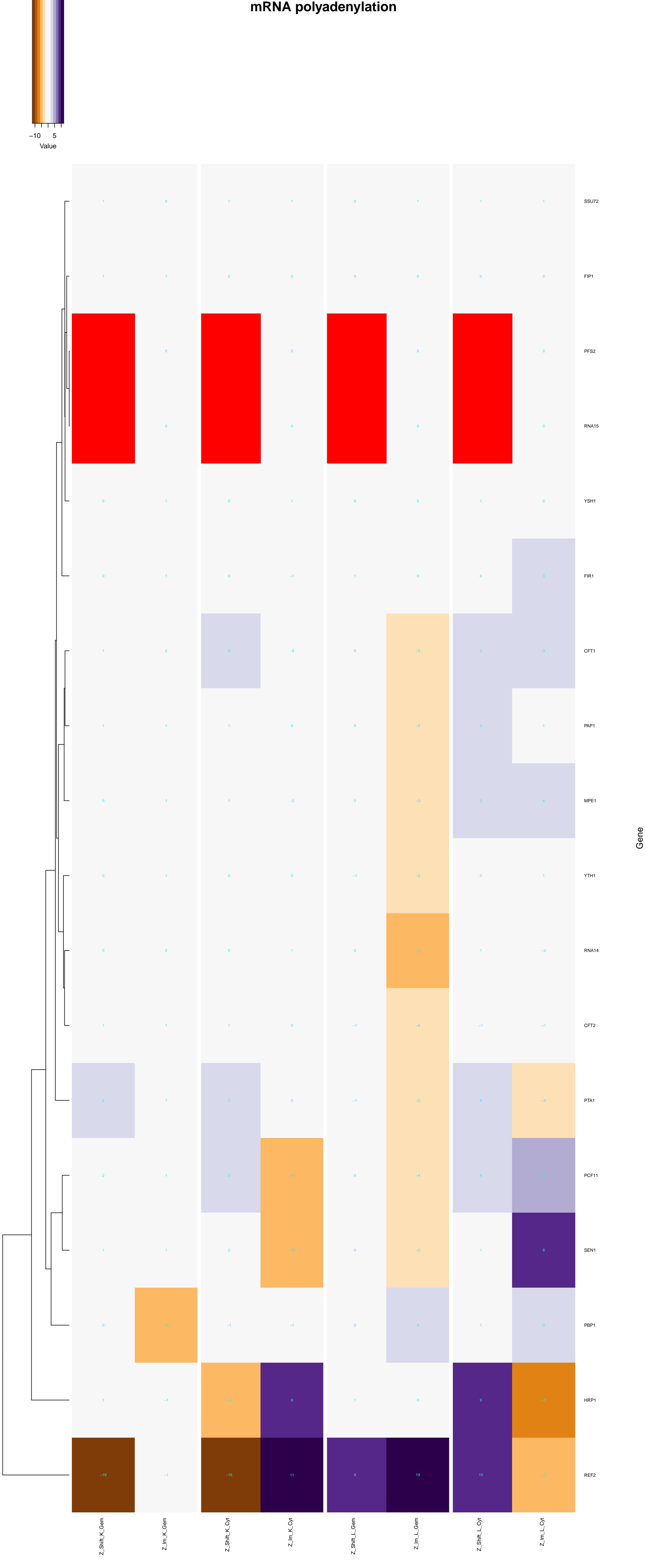
mRNA cis splicing, via spliceosome



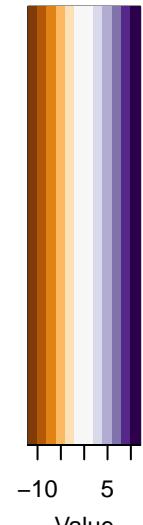
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mRNA polyadenylation



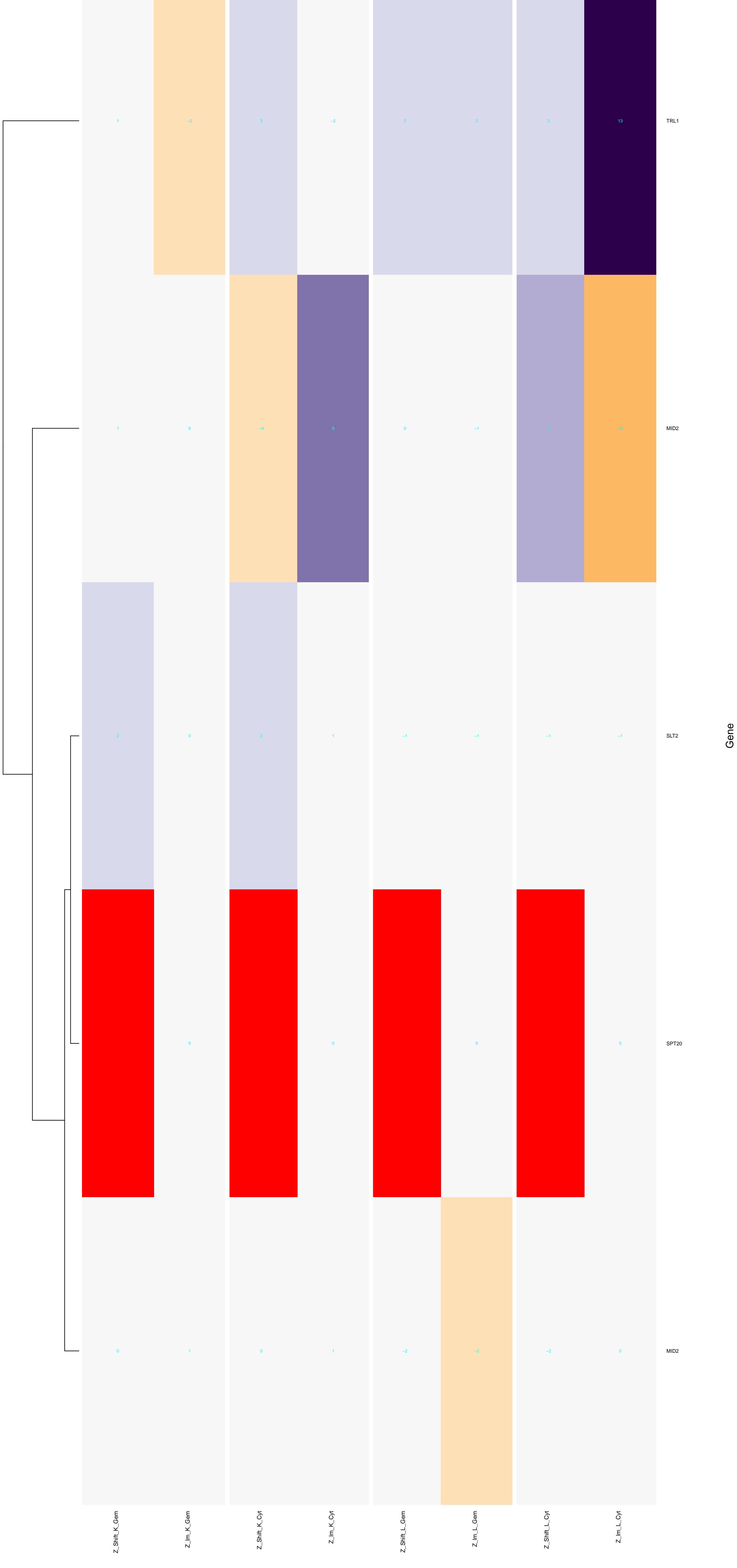
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plicing via endonucleolytic cleavage and ligation involved in unfolded protein response

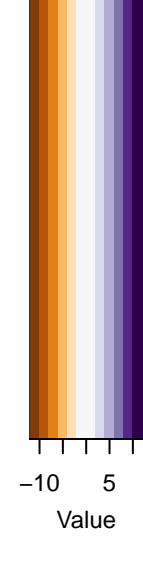
Value

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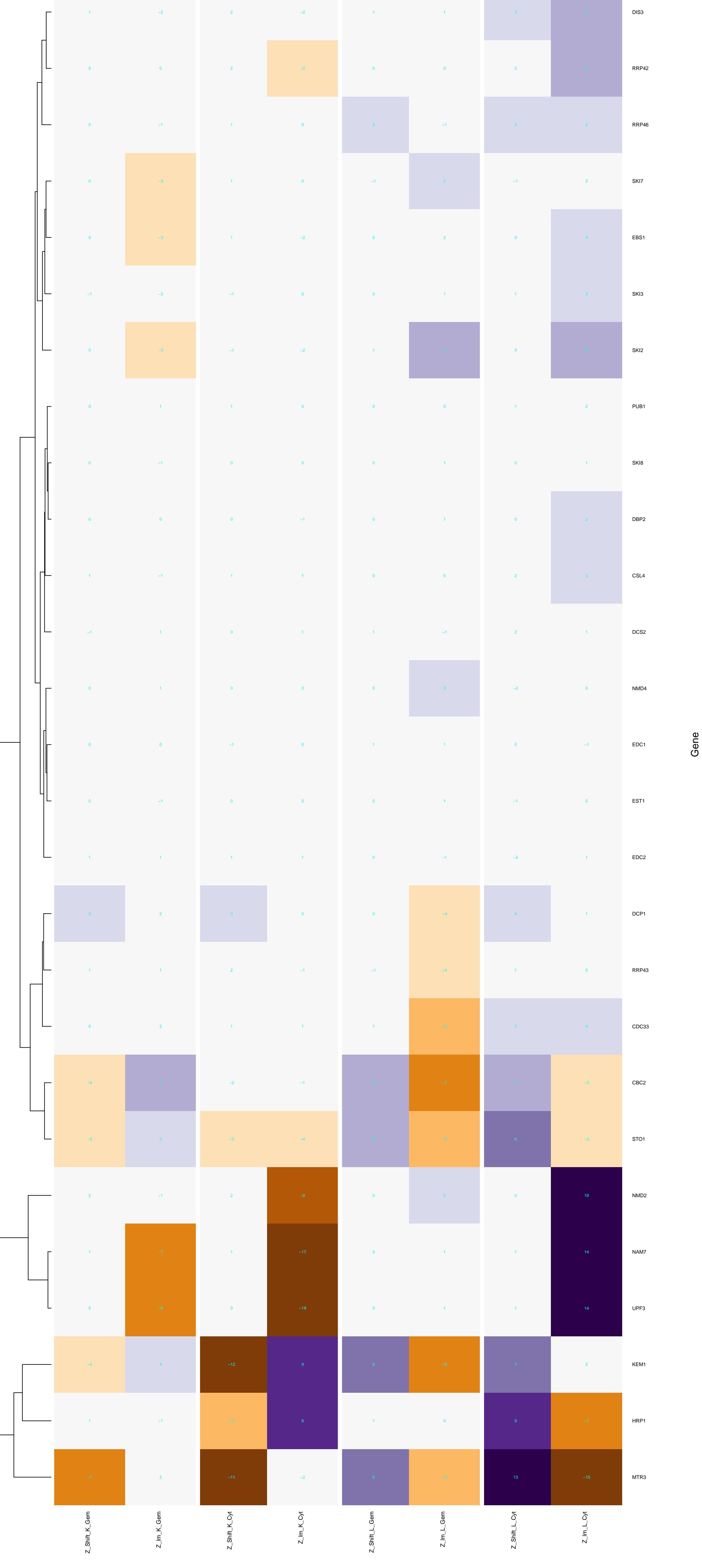


Color Key

nuclear-transcribed mRNA catabolic process, nonsense-mediated decay

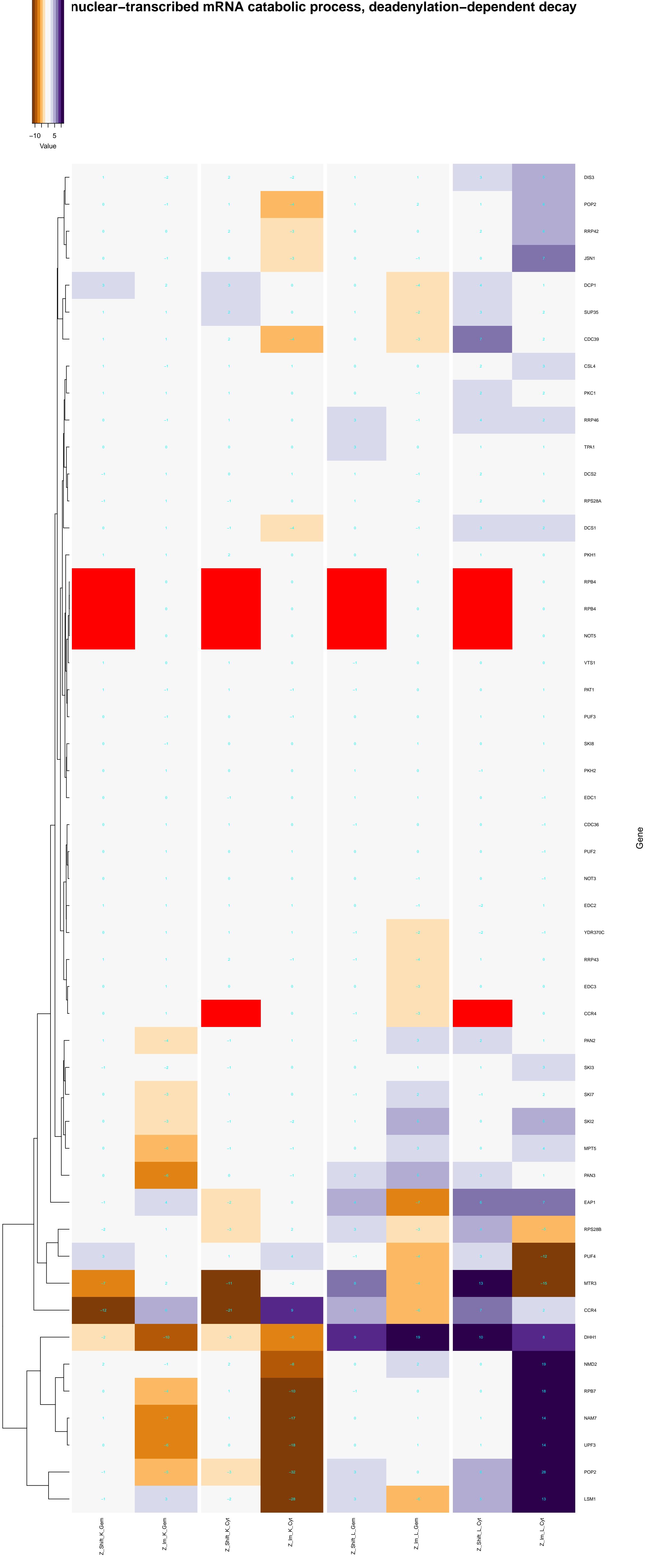


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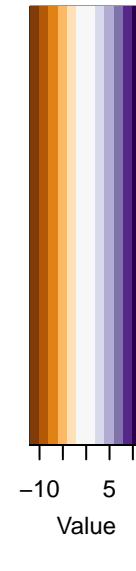


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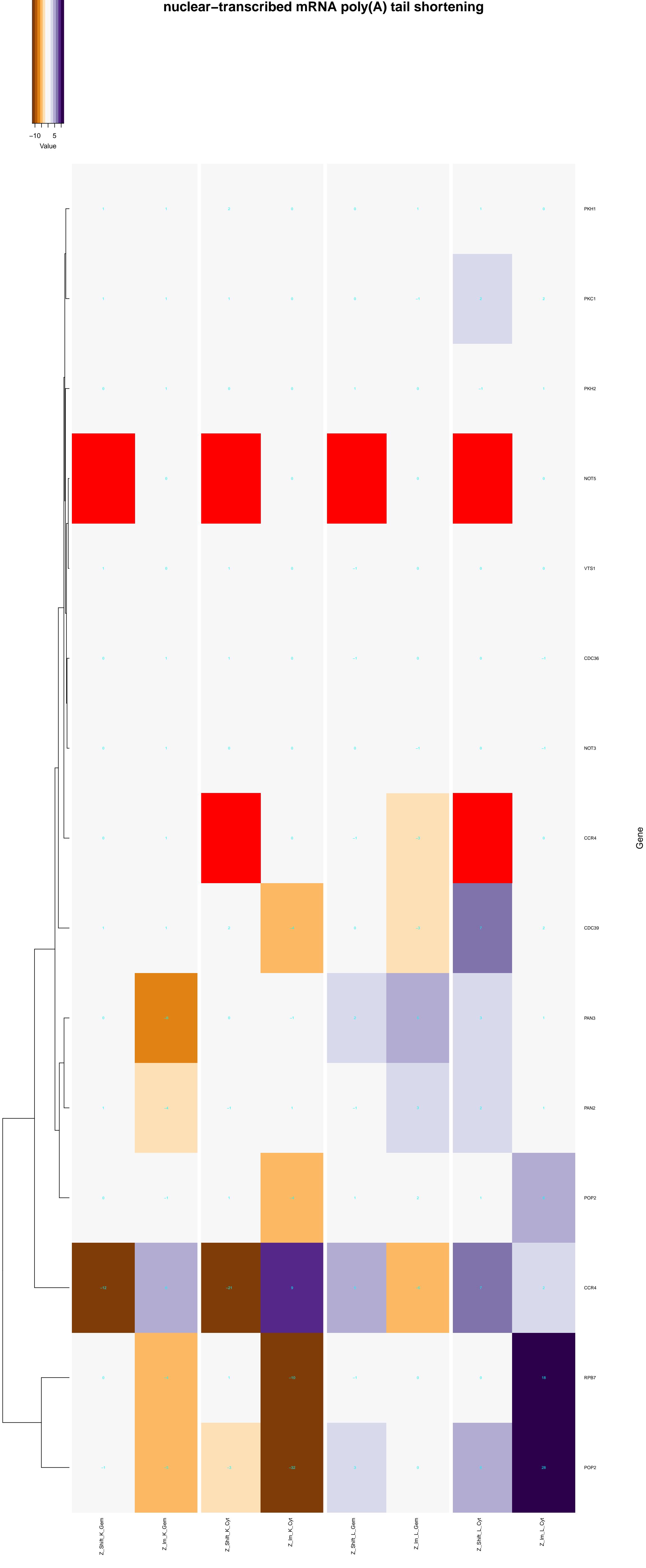
nuclear-transcribed mRNA catabolic process, deadenylation-dependent decay



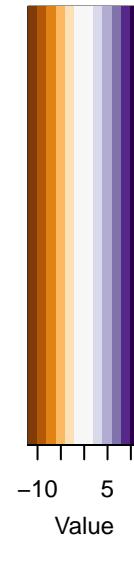
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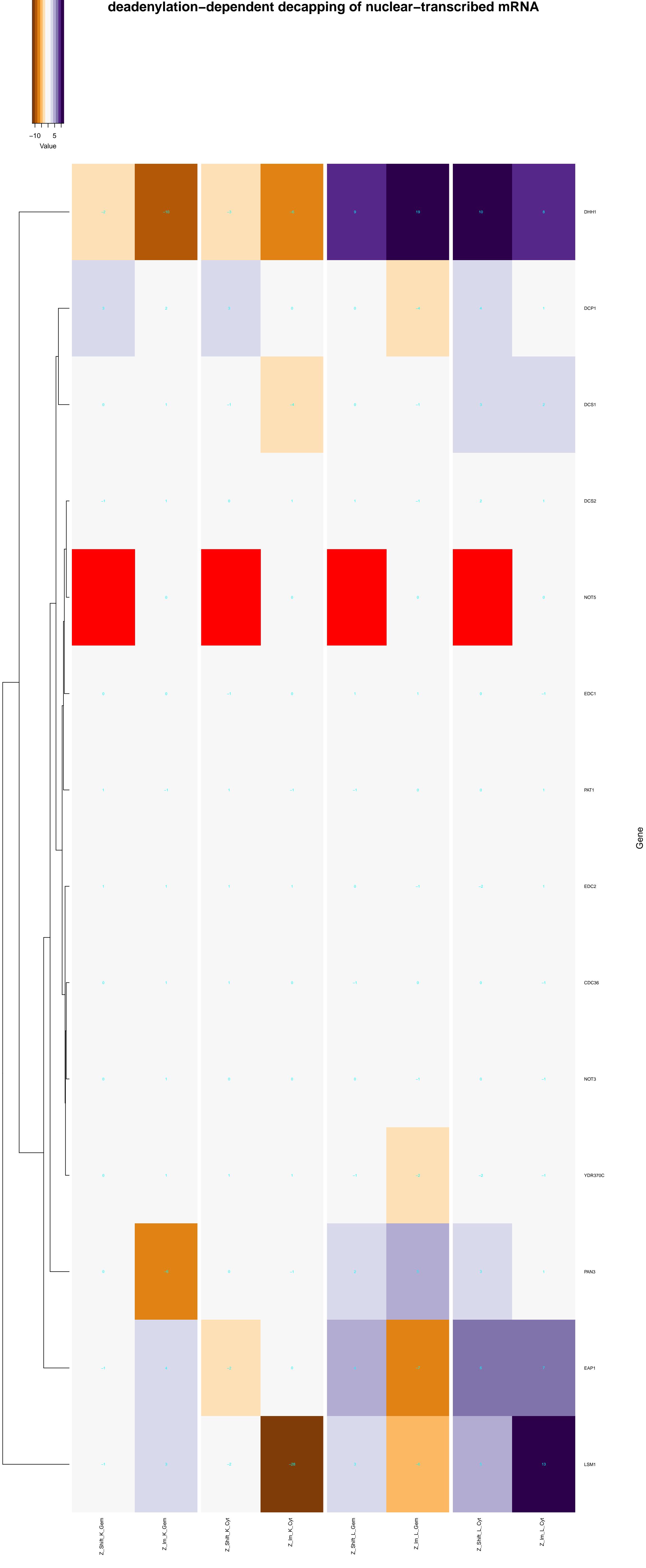
nuclear-transcribed mRNA poly(A) tail shortening



Color Key

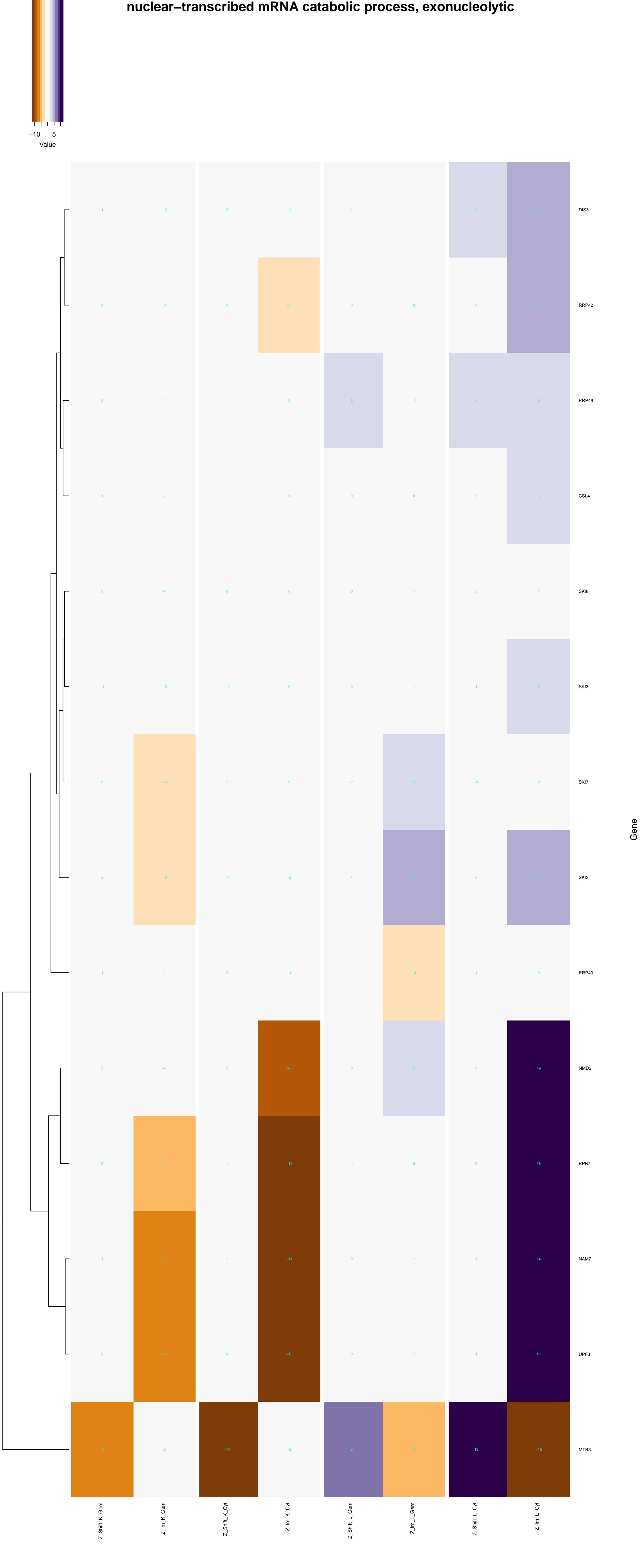


deadenylation-dependent decapping of nuclear-transcribed mRNA

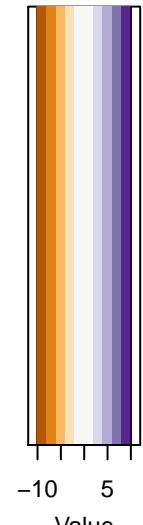
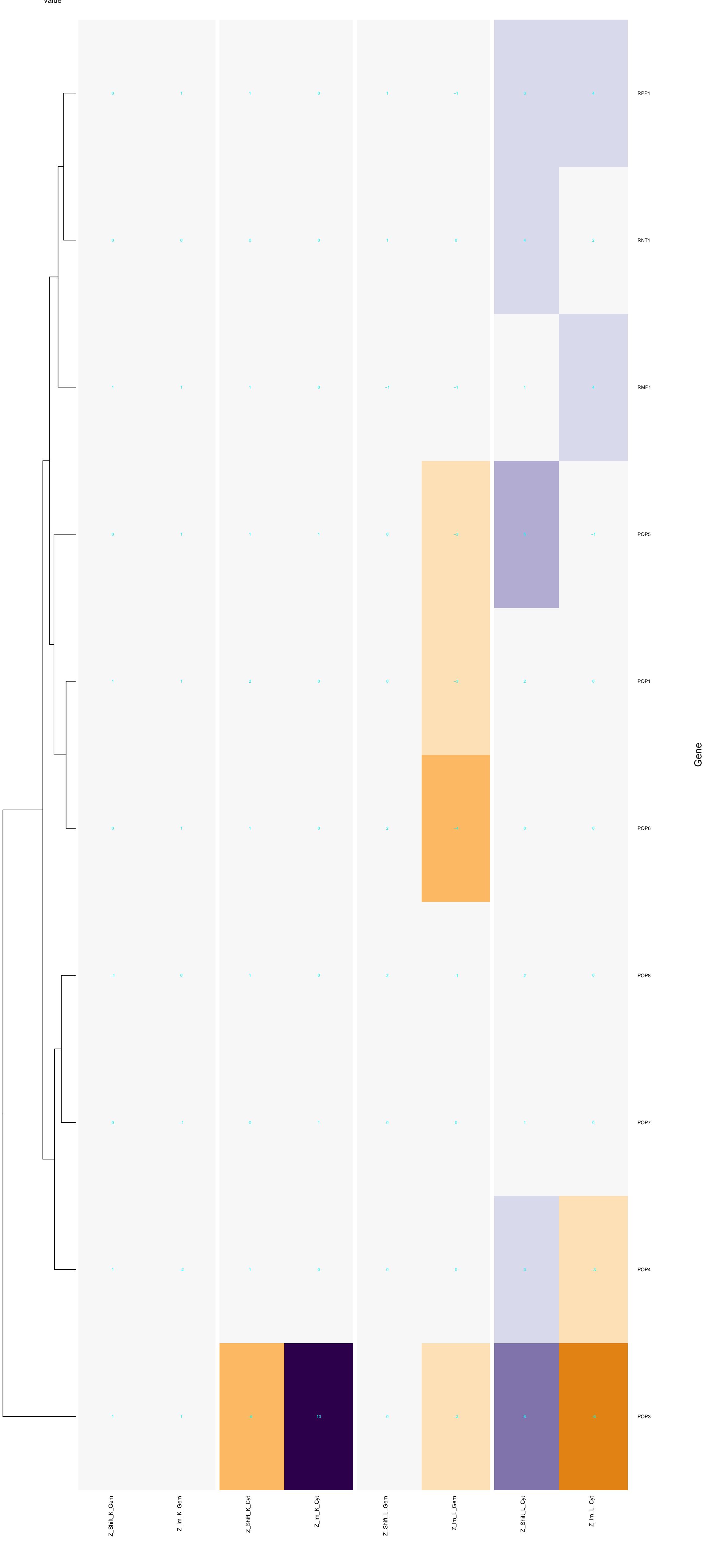


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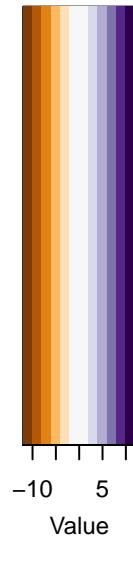
nuclear-transcribed mRNA catabolic process, exonucleolytic



Color Key

**Transcribed mRNA catabolic process, endonucleolytic cleavage-dependent decay**

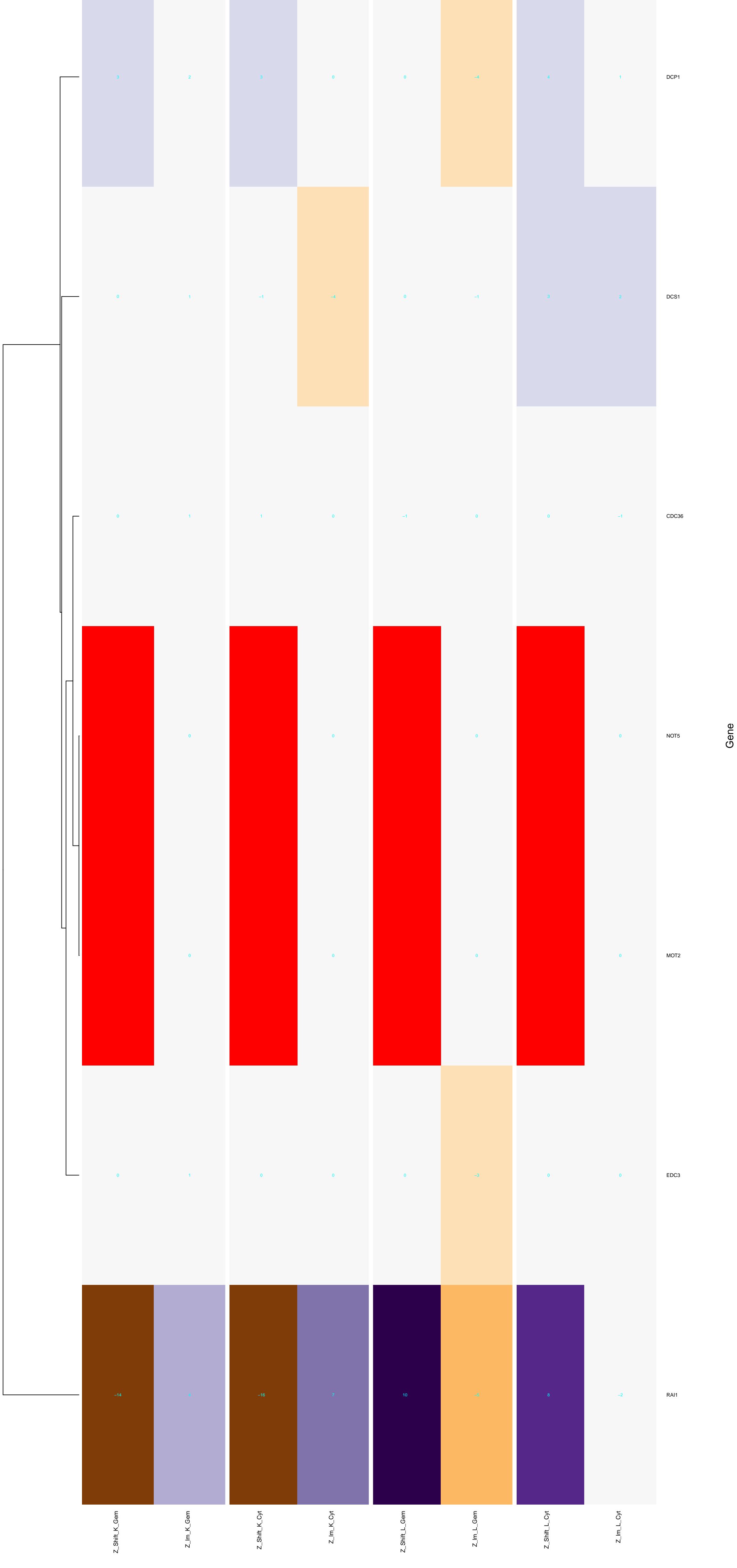
Color Key



nuclear-transcribed mRNA catabolic process, deadenylation-independent decay

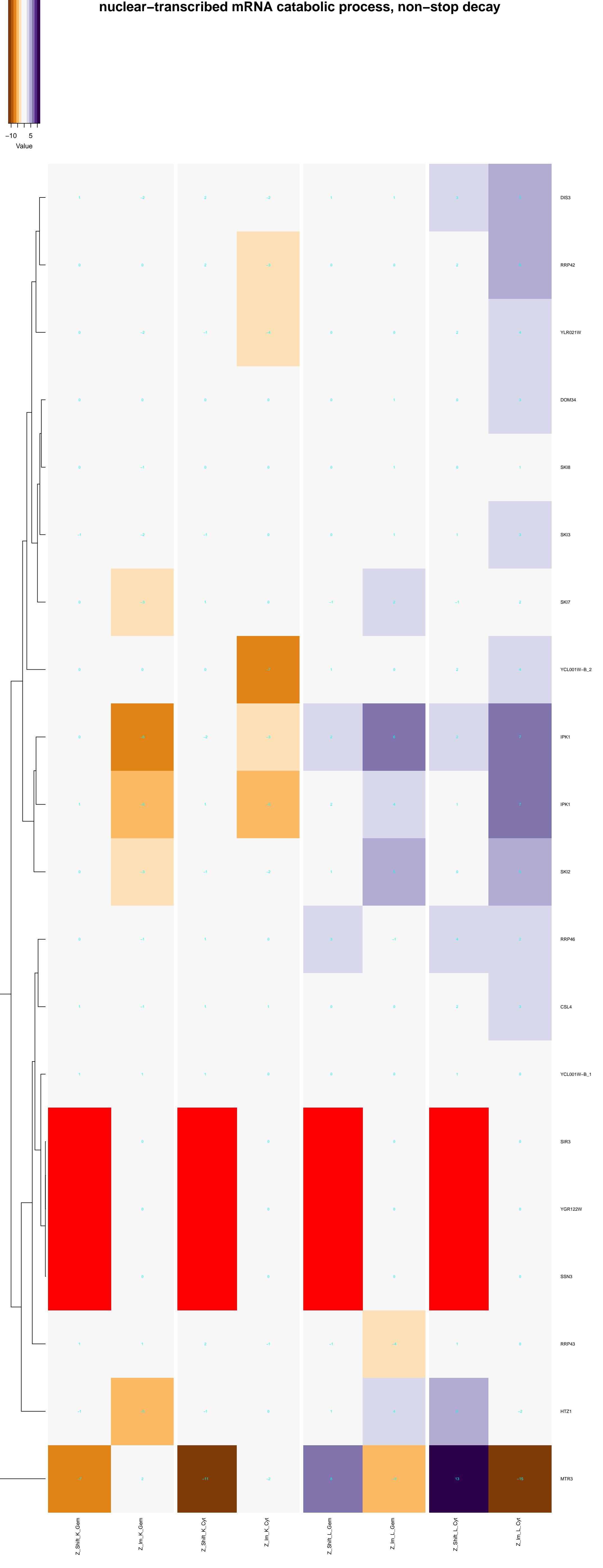
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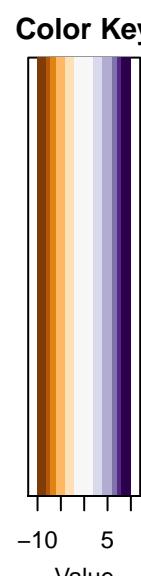


Color Key

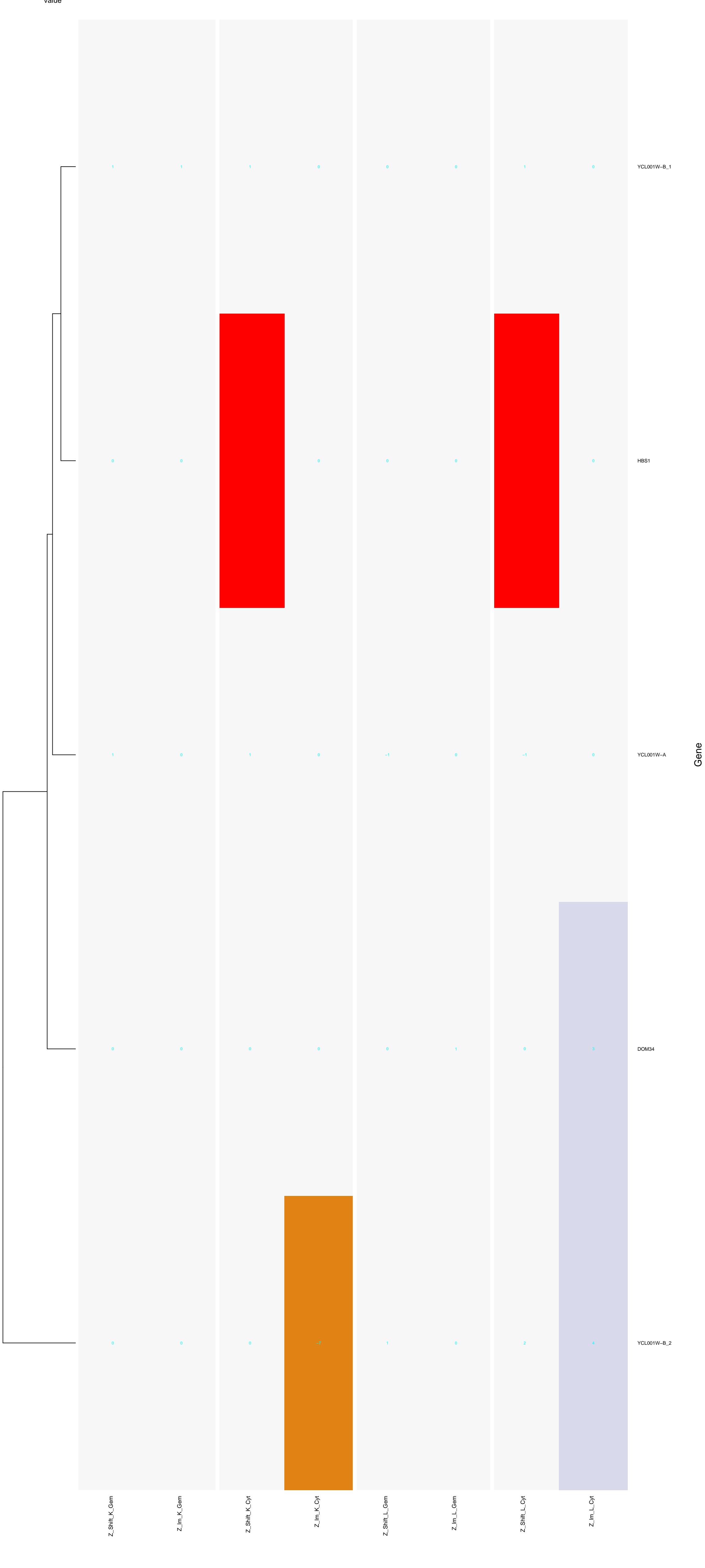
nuclear-transcribed mRNA catabolic process, non-stop decay



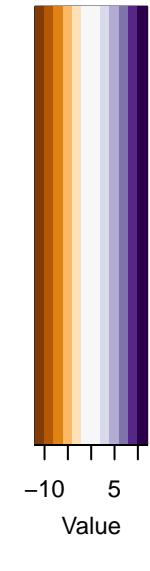
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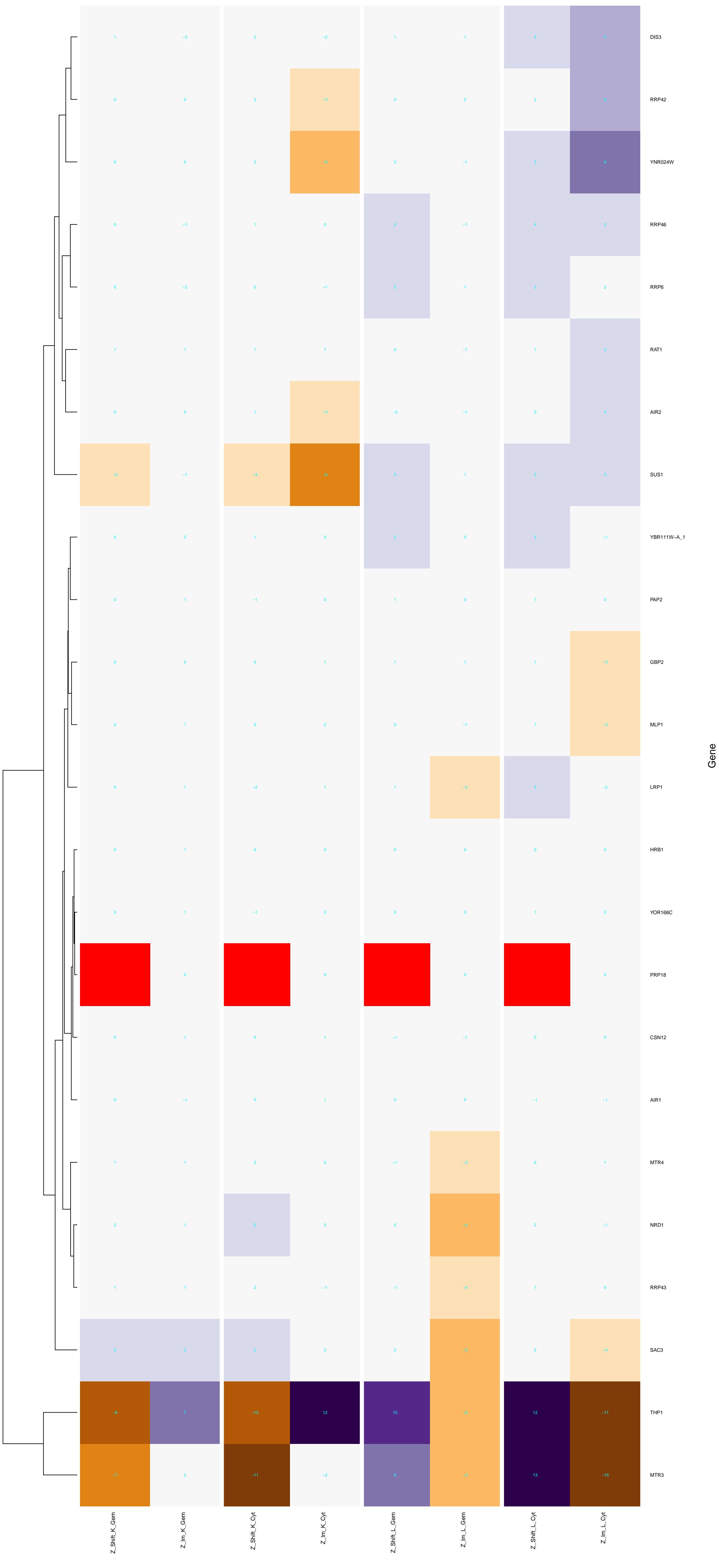
nuclear-transcribed mRNA catabolic process, no-go decay



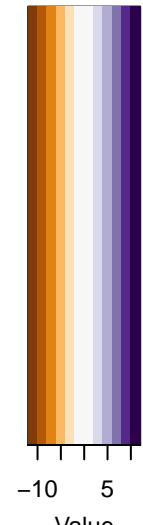
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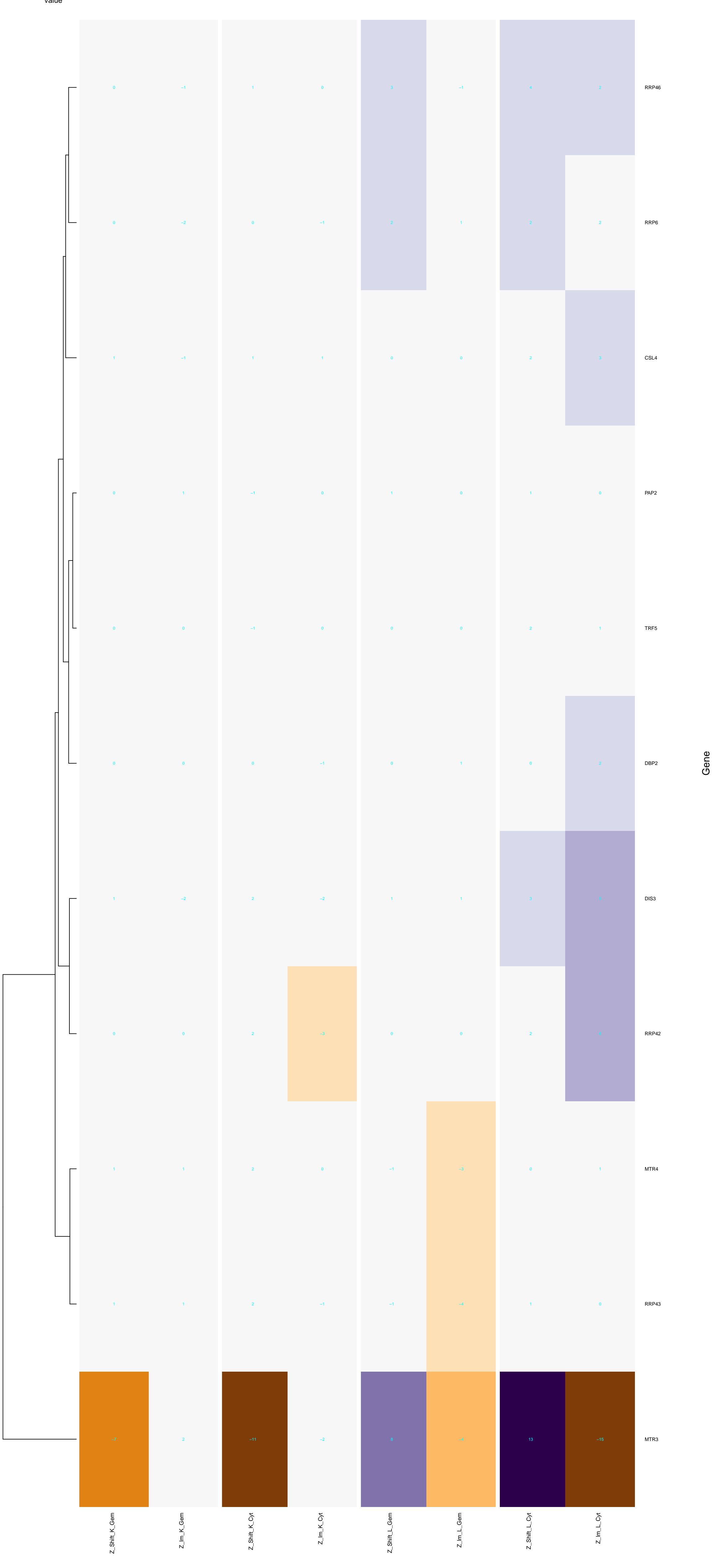
nuclear mRNA surveillance



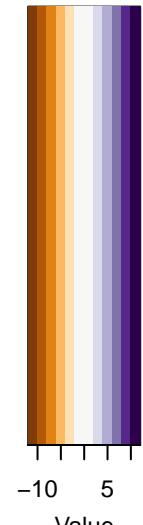
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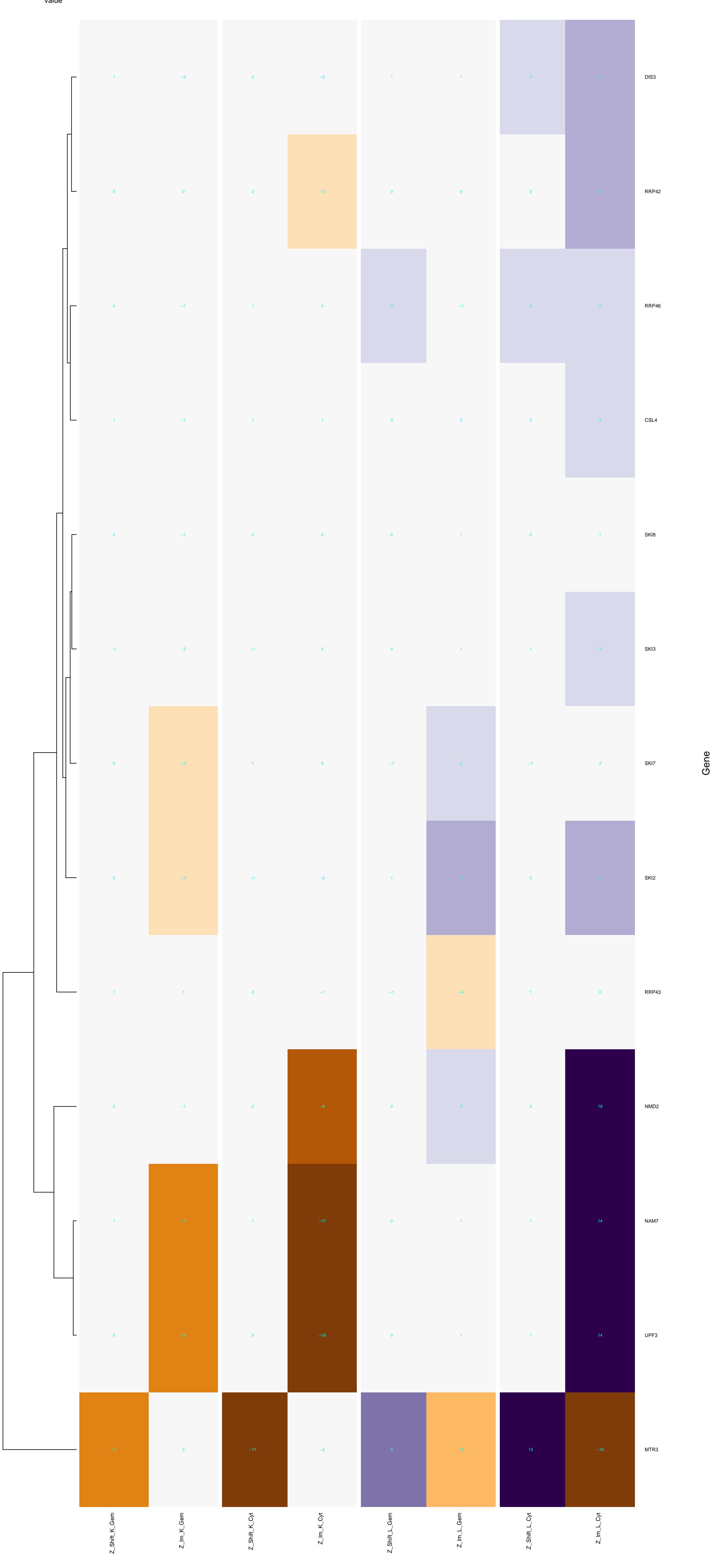
nuclear polyadenylation-dependent mRNA catabolic process



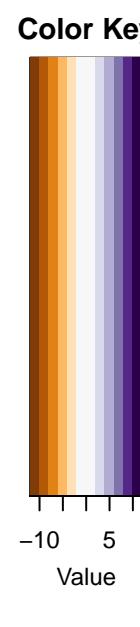
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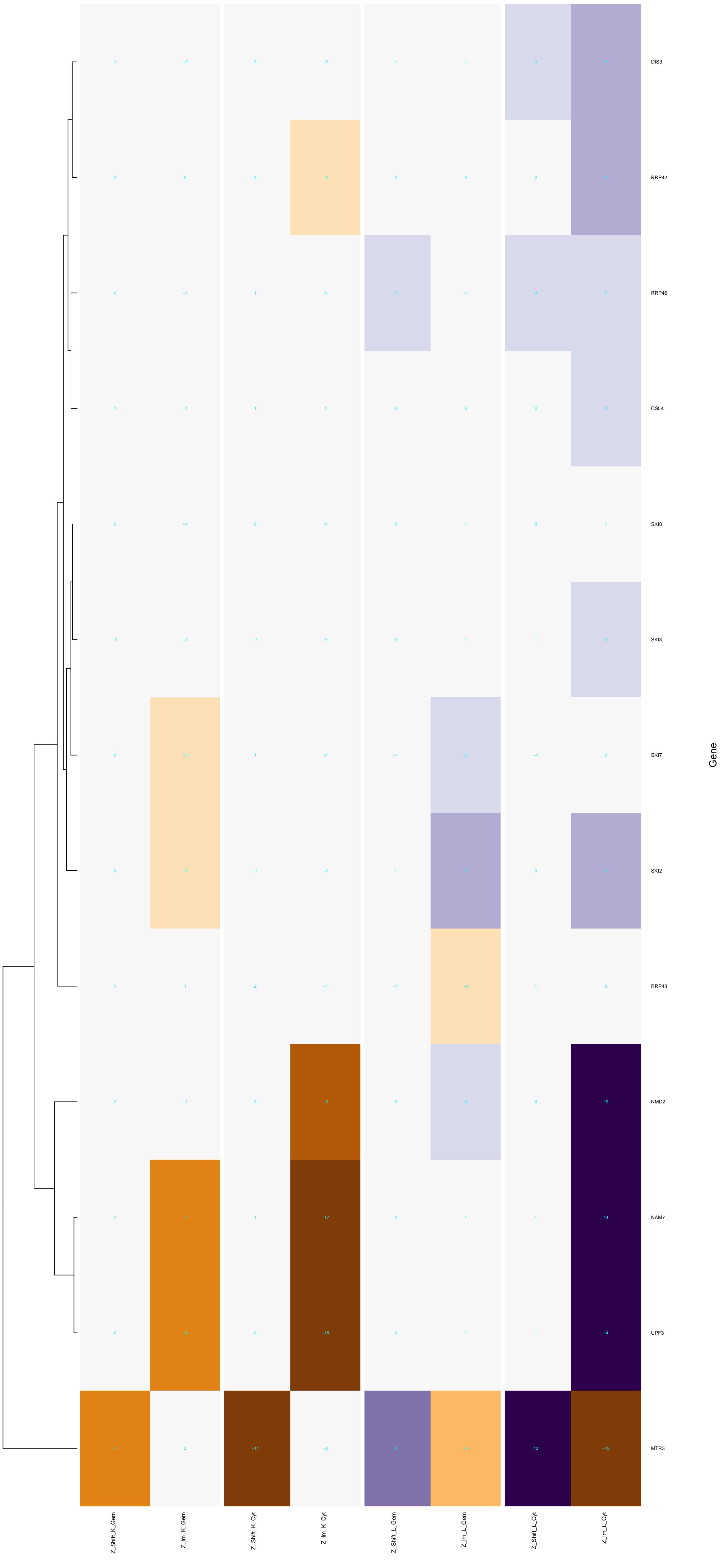
-transcribed mRNA catabolic process, 3'-5' exonucleolytic nonsense-mediated decay



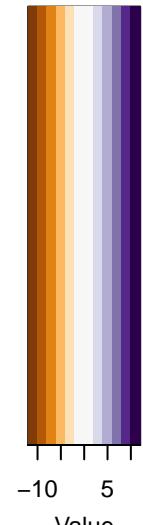
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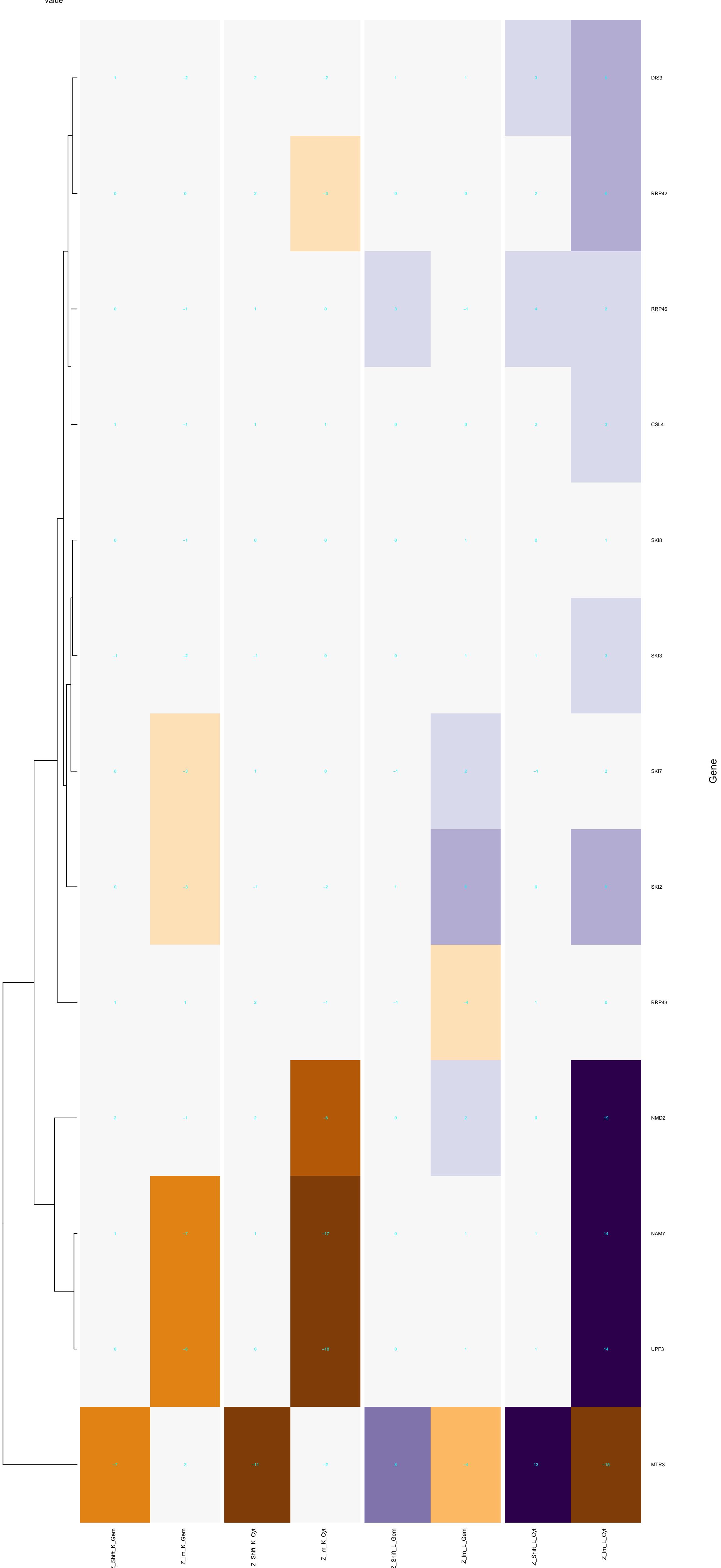
nuclear-transcribed mRNA catabolic process, exonucleolytic, 3'-5'

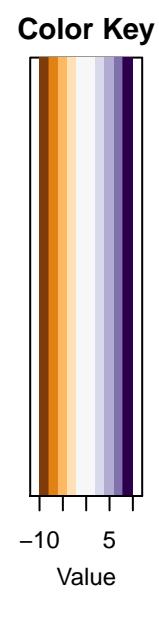


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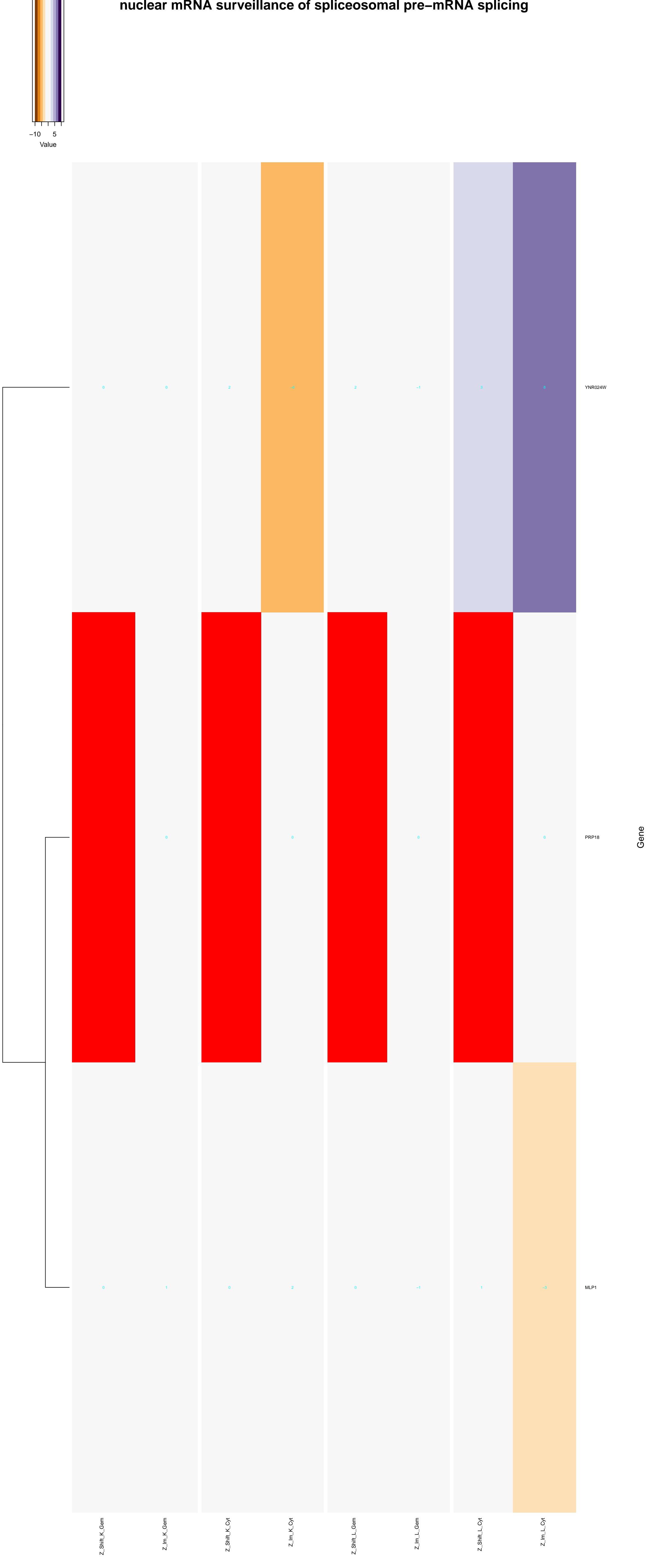


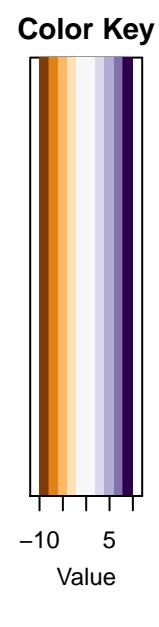
c nuclear-transcribed mRNA catabolic process involved in deadenylation-dependent dec





nuclear mRNA surveillance of spliceosomal pre-mRNA splicing





nuclear mRNA surveillance of mRNA 3'-end processing

