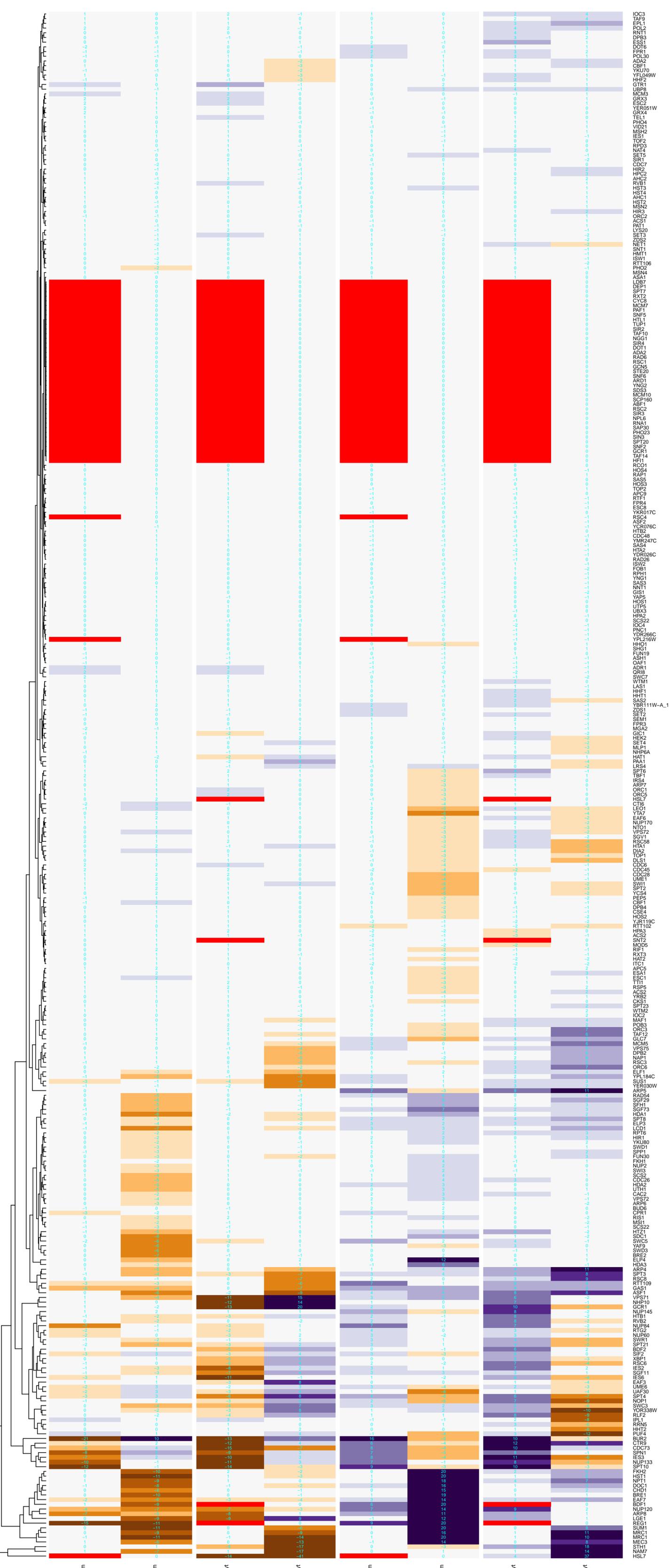
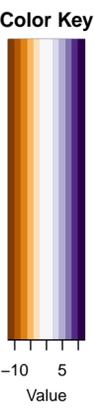


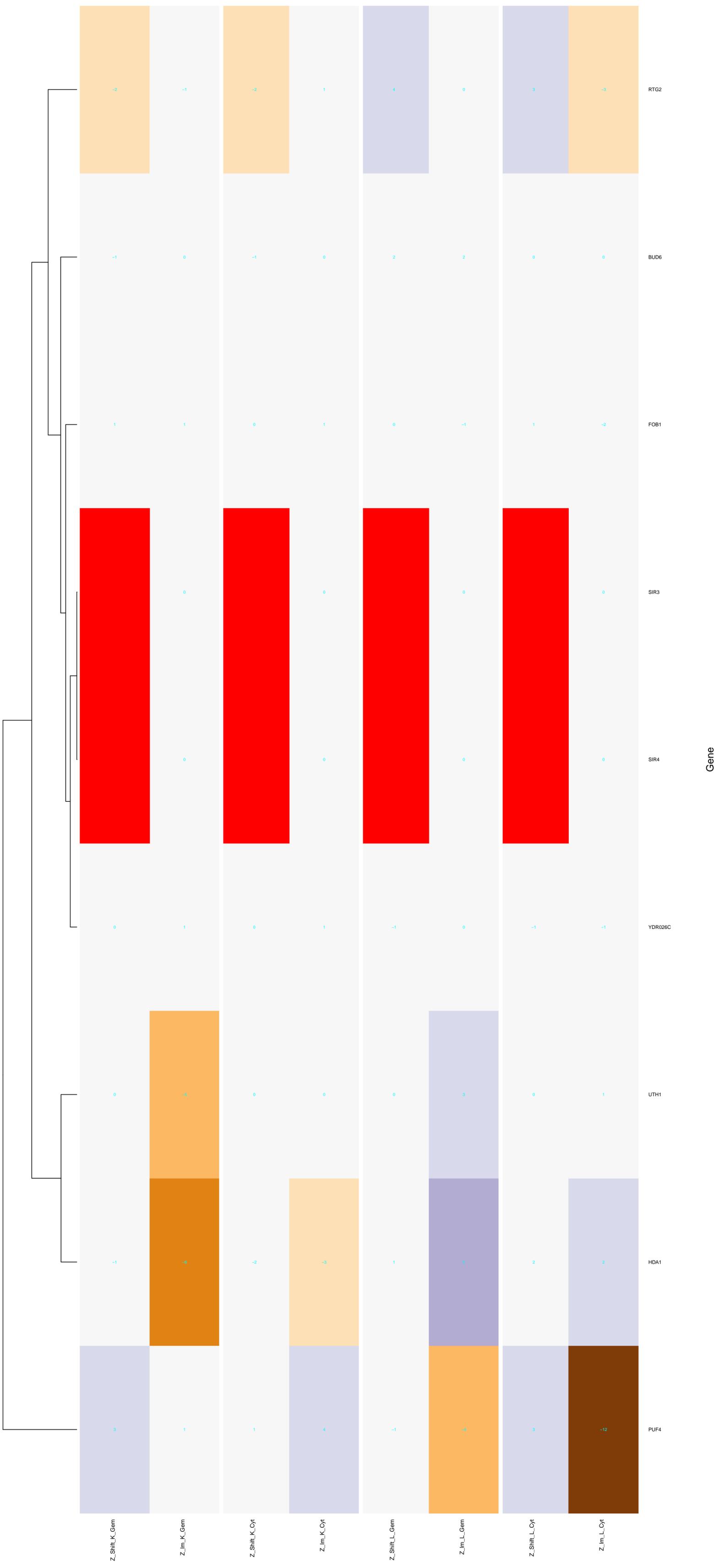
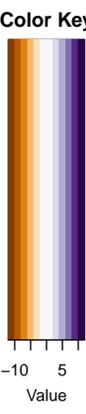
chromatin organization



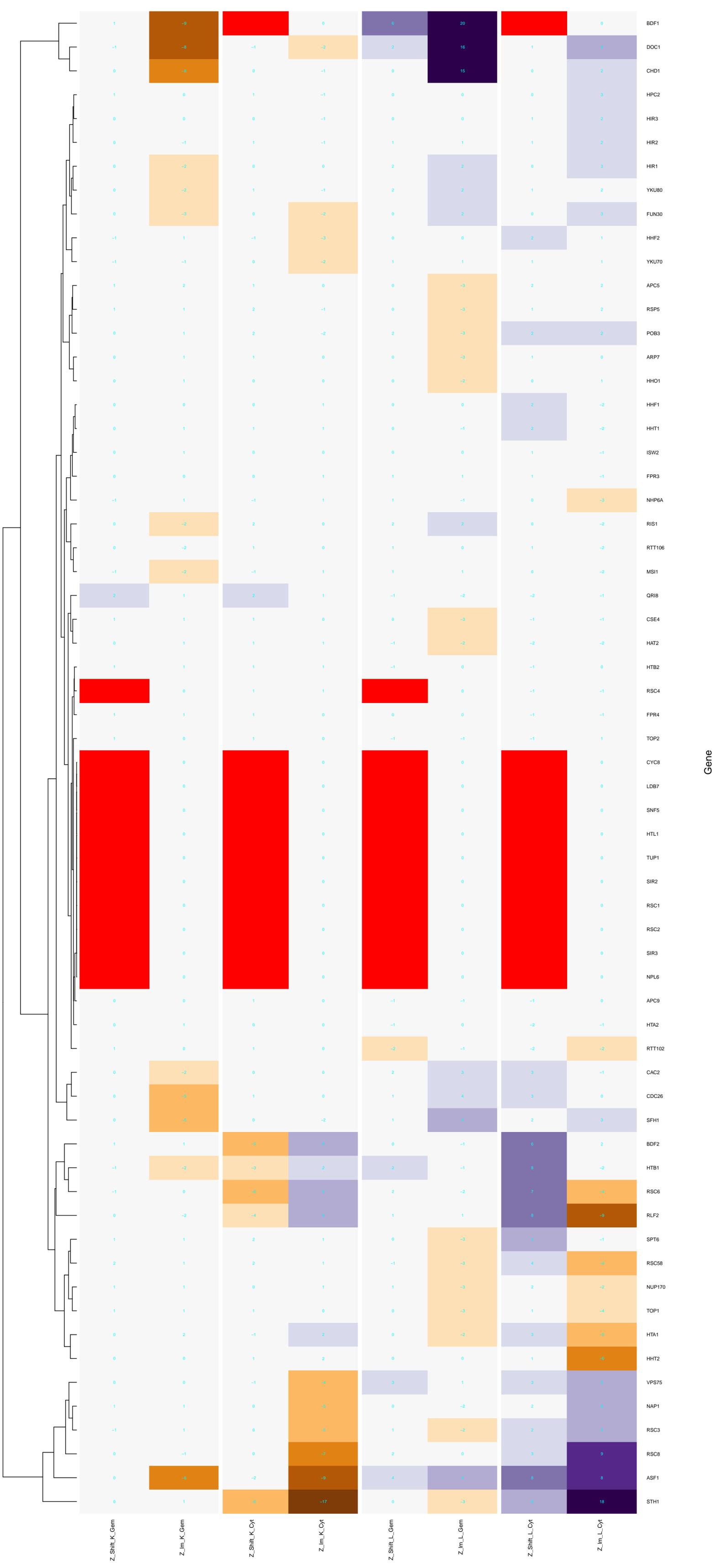
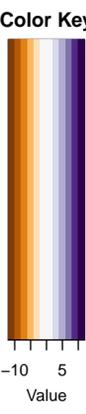
Gene

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- RNT1
- DPB3
- ESS1
- DNAH1
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- POL30
- ABP2
- CBF1
- YAF7
- FLN49W
- HHF2
- GTR1
- UBP8
- MCM3
- GRX3
- ESC2
- GRX4
- ERF51W
- TEL1
- PHO4
- VID21
- MSH2
- IEB2
- TOP2
- NPO2
- NAT4
- SET5
- SPT3
- CDC7
- HIR2
- HPC2
- AHC2
- RFA1
- HST3
- HST4
- AHC1
- HST2
- MSN2
- ORC2
- ACS1
- PAT1
- LYS20
- SET3
- NET1
- HMT1
- ISW1
- RTT106
- PHO2
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- ASA1
- LBB1
- DEF1
- SPT7
- RAT2
- CYC8
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- PAF1
- SNF5
- UUP1
- SIR2
- TAF10
- NGG1
- SIR4
- DOT1
- ADA2
- RAD6
- RSC1
- GCN5
- STE20
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- ARD1
- YGC2
- SDS3
- MCM10
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- RSC2
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- NPL6
- RNA1
- SAP30
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- SIN3
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- SNF2
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- TAF14
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- SASS
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- SIF2
- XPC1
- RSC6
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- IRF2
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- HHT2
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- TRF3
- CDC73
- SPN1
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- SPT10
- FHS2
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- NUP1
- CC1
- CHD1
- BRE1
- EAF7
- BDF1
- NUP120
- ARP8
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- NAM7
- HSL7

progressive alteration of chromatin involved in cell aging

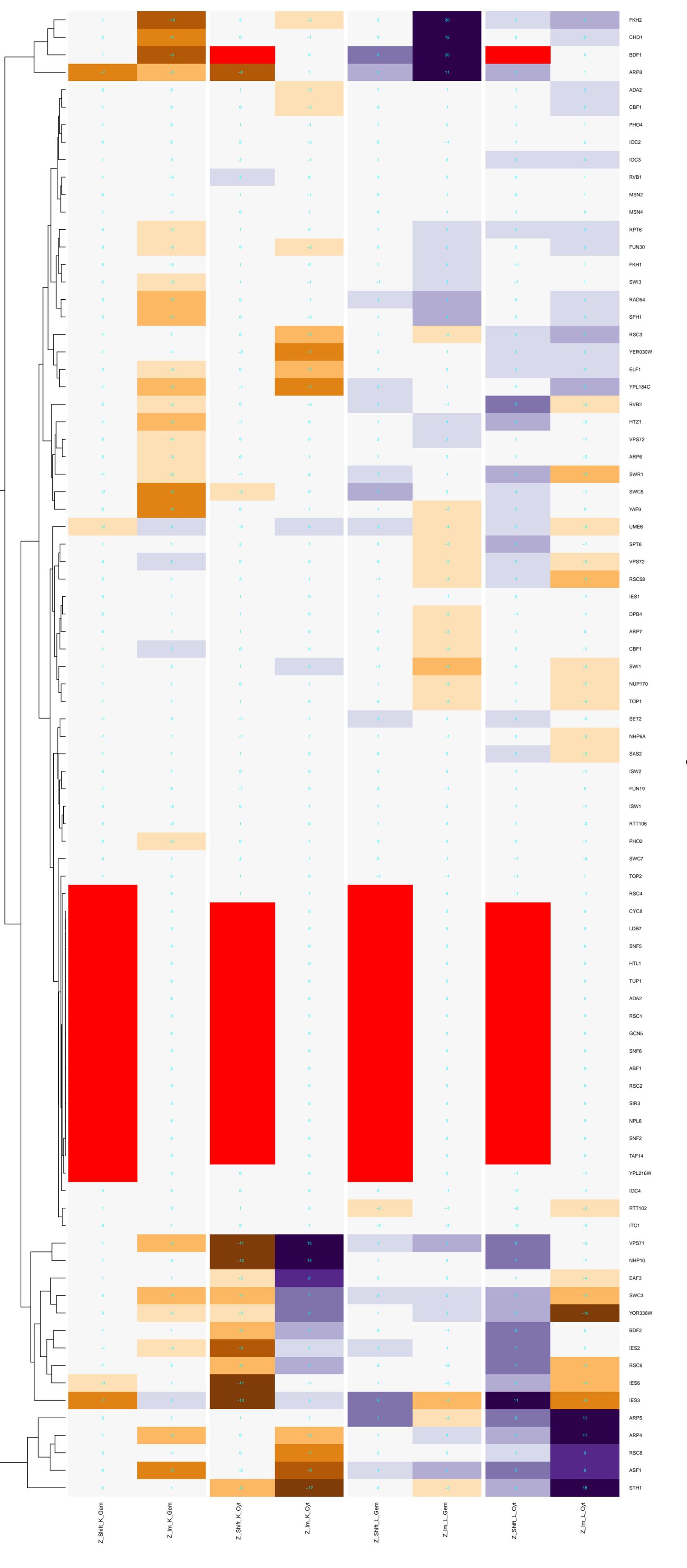


chromatin assembly or disassembly



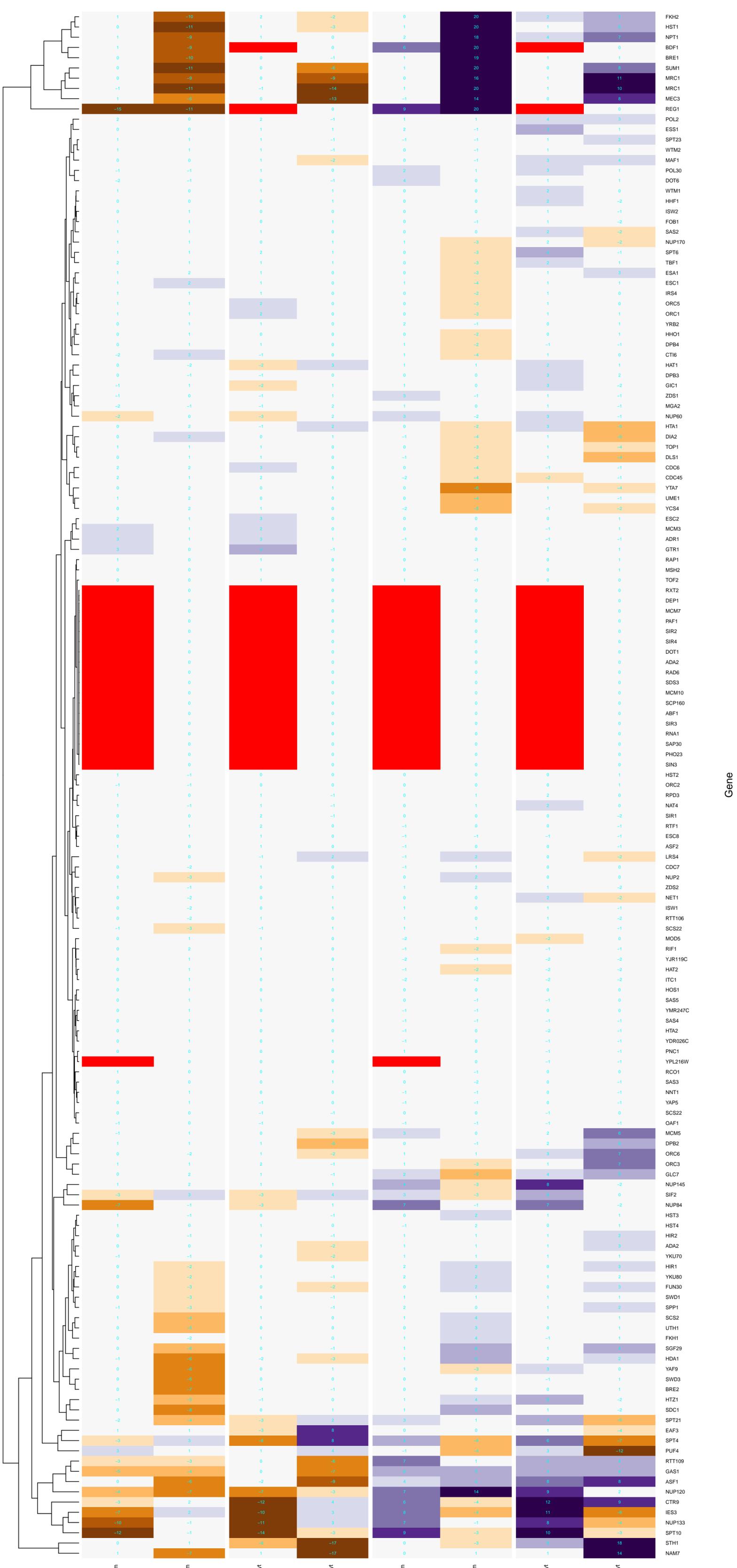
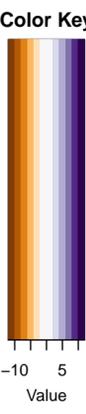
Gene

chromatin remodeling



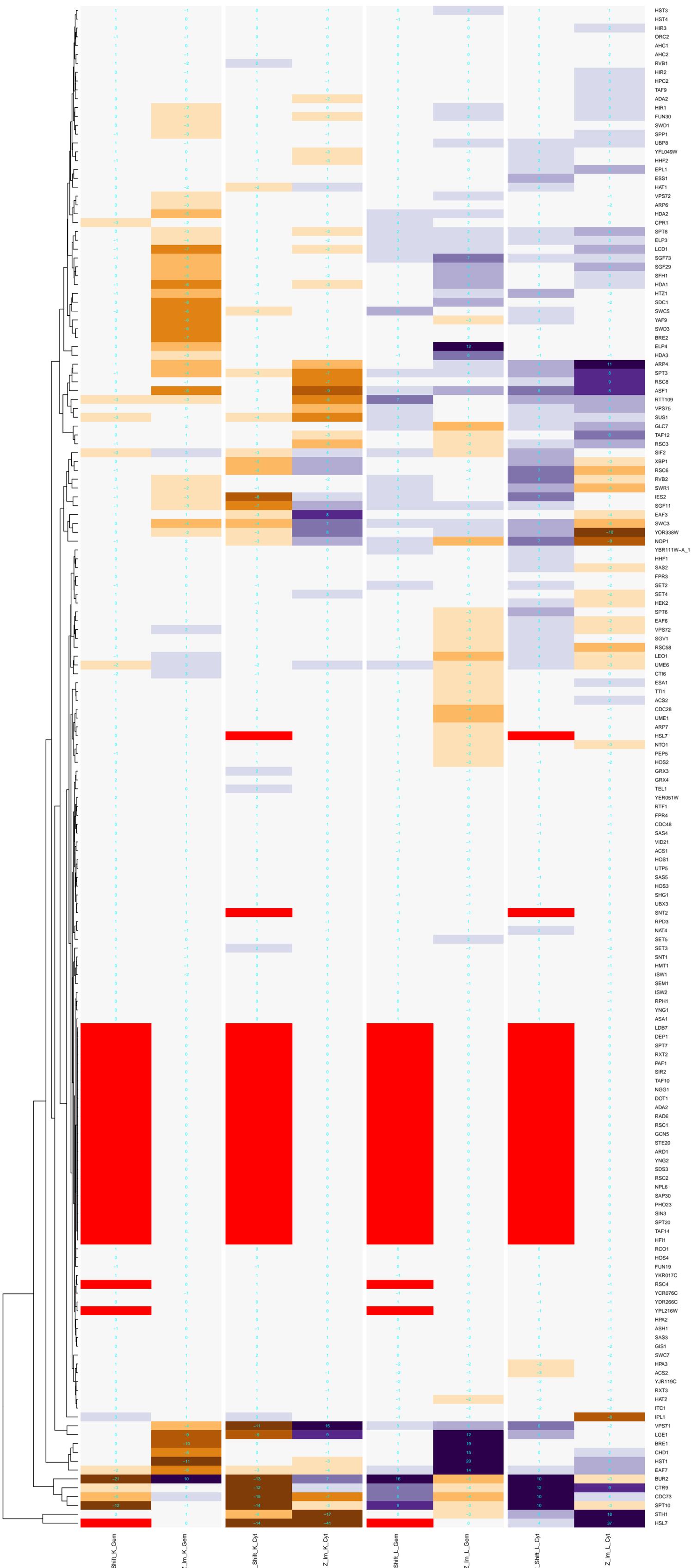
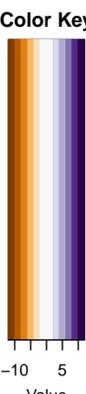
Gene

chromatin silencing

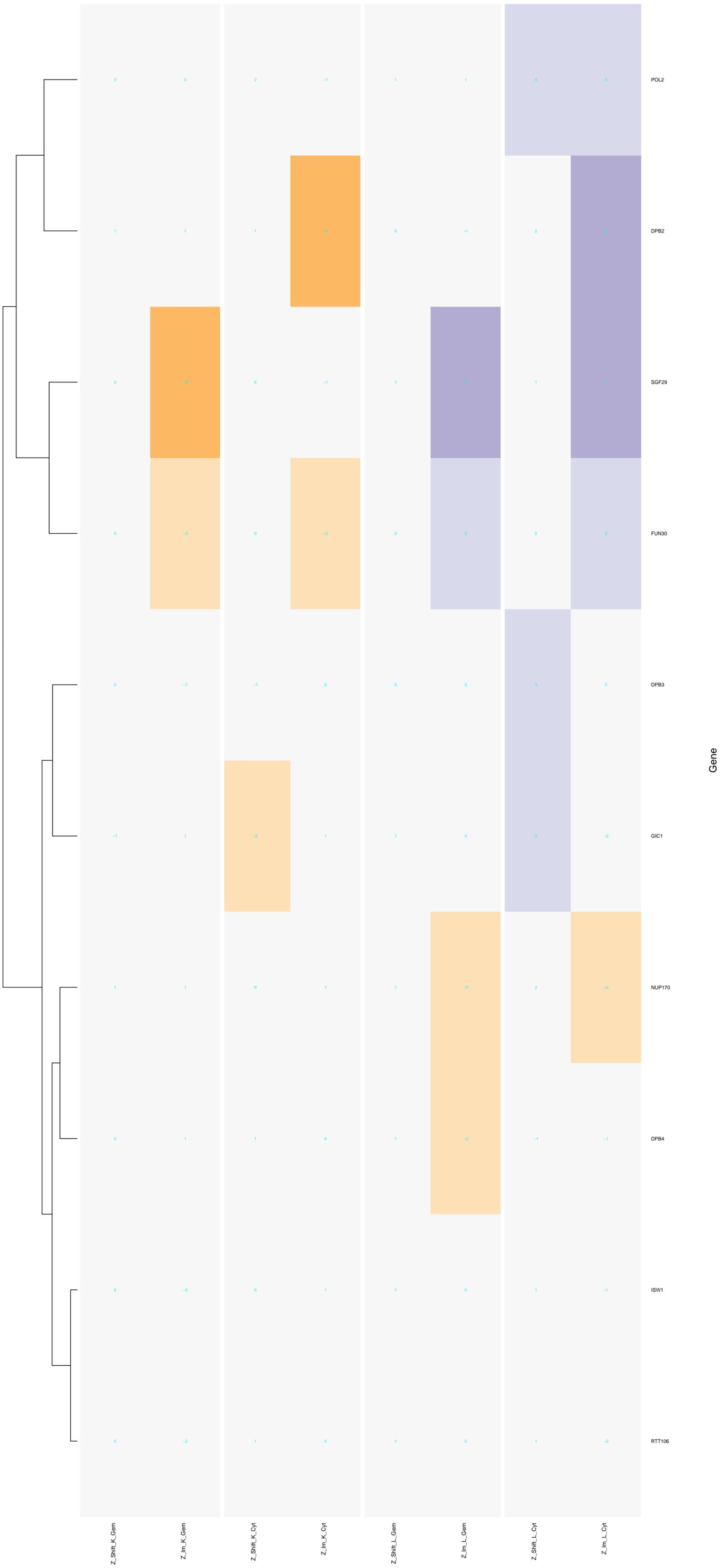
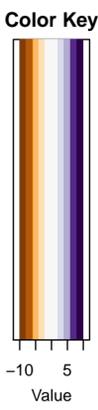


Gene

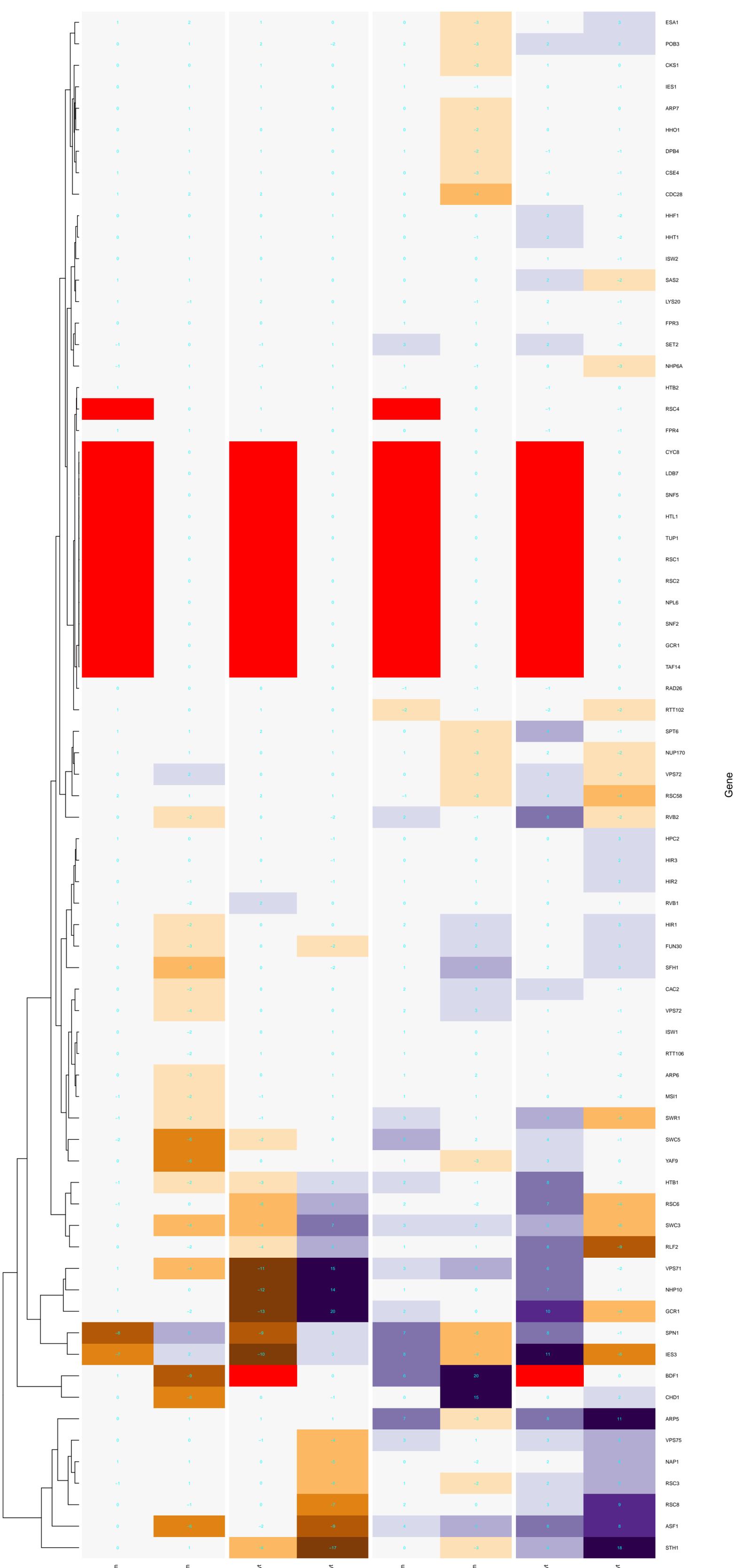
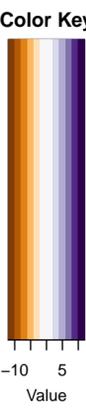
covalent chromatin modification



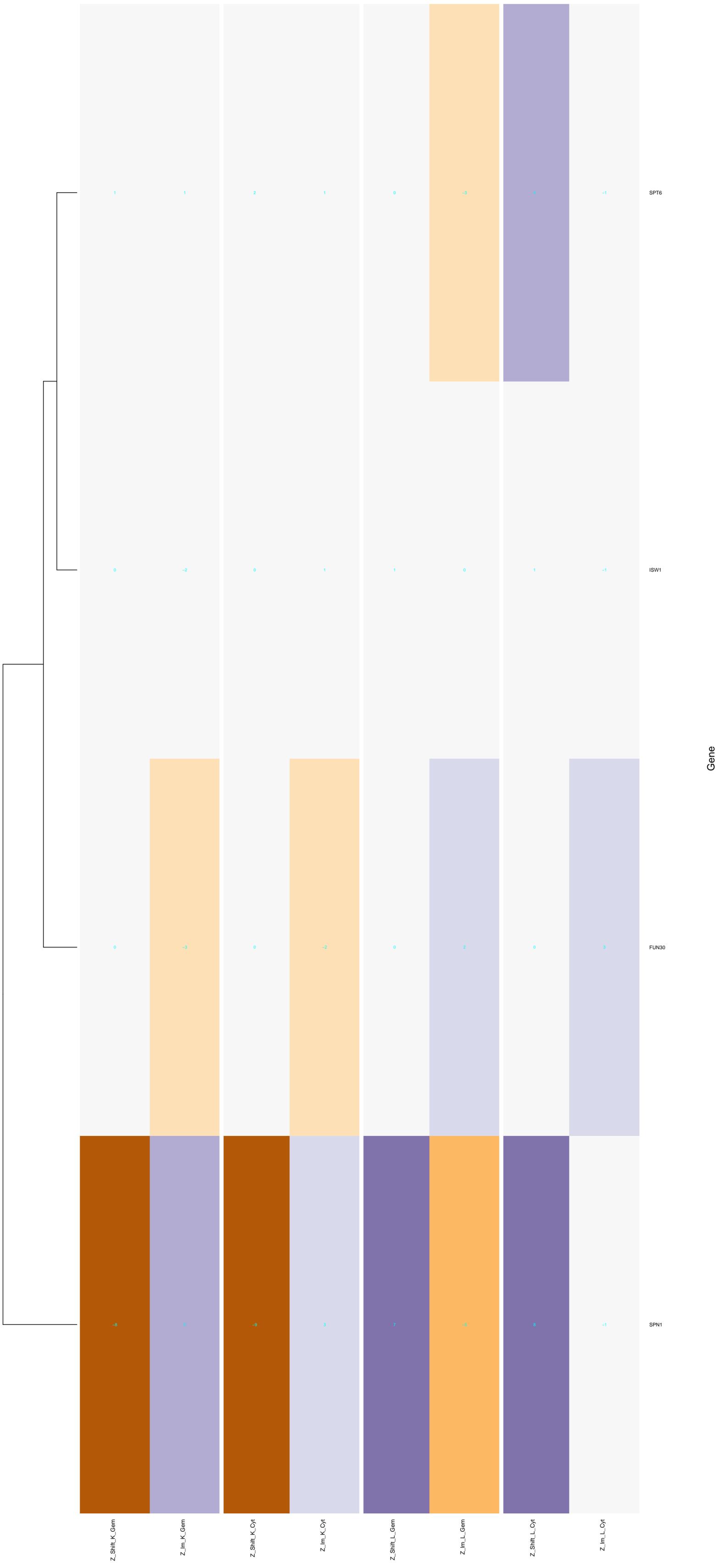
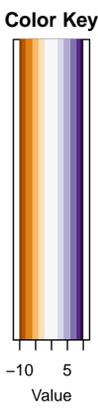
chromatin organization involved in regulation of transcription



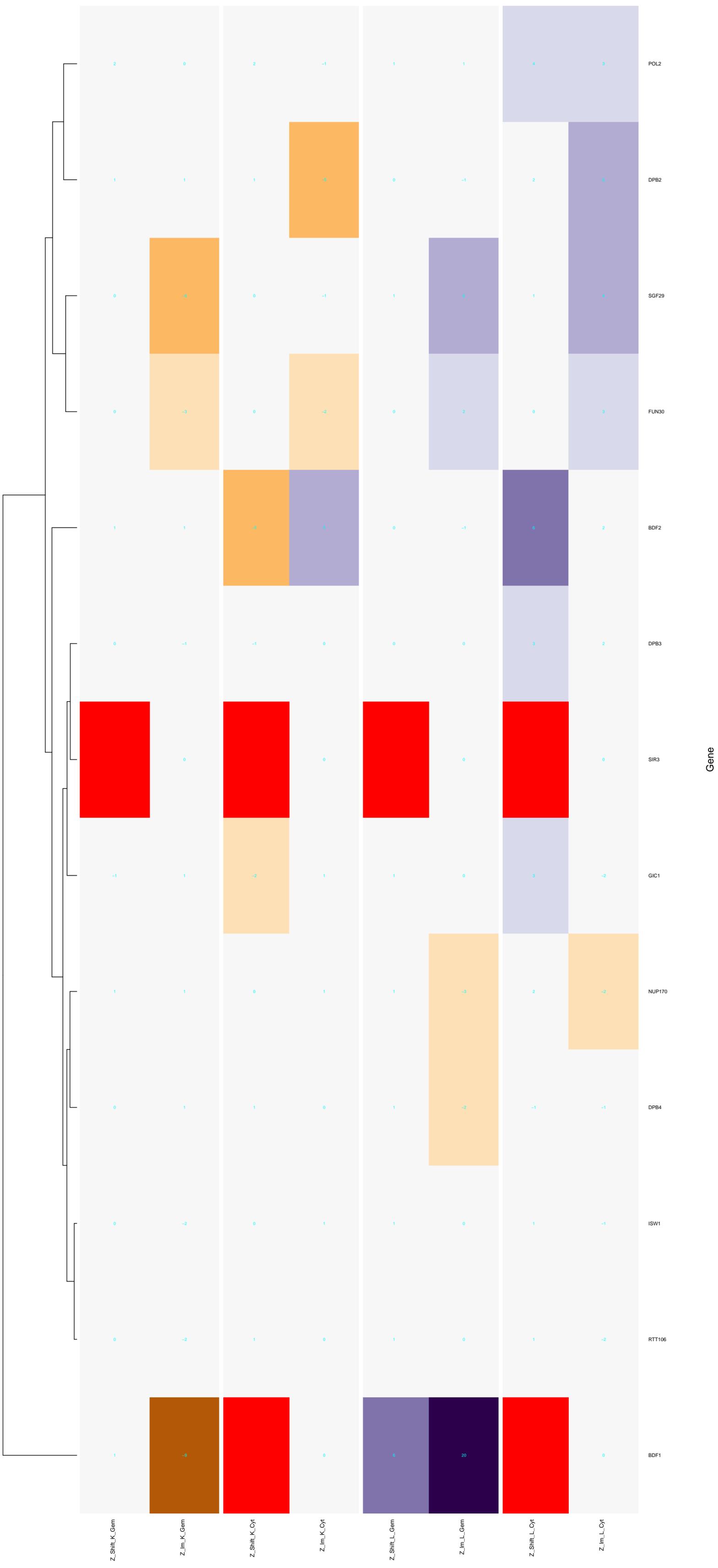
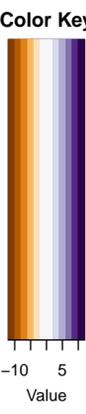
nucleosome organization



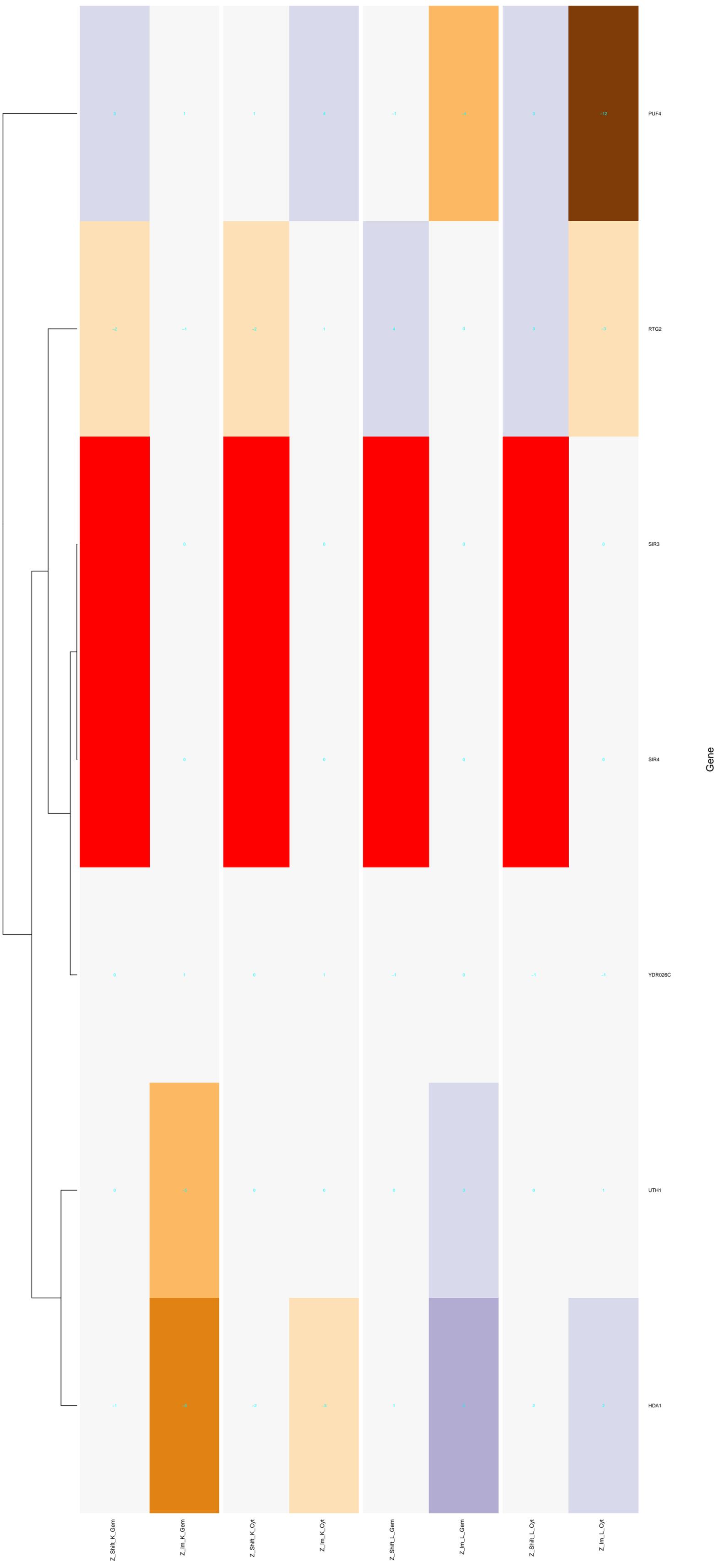
chromatin maintenance



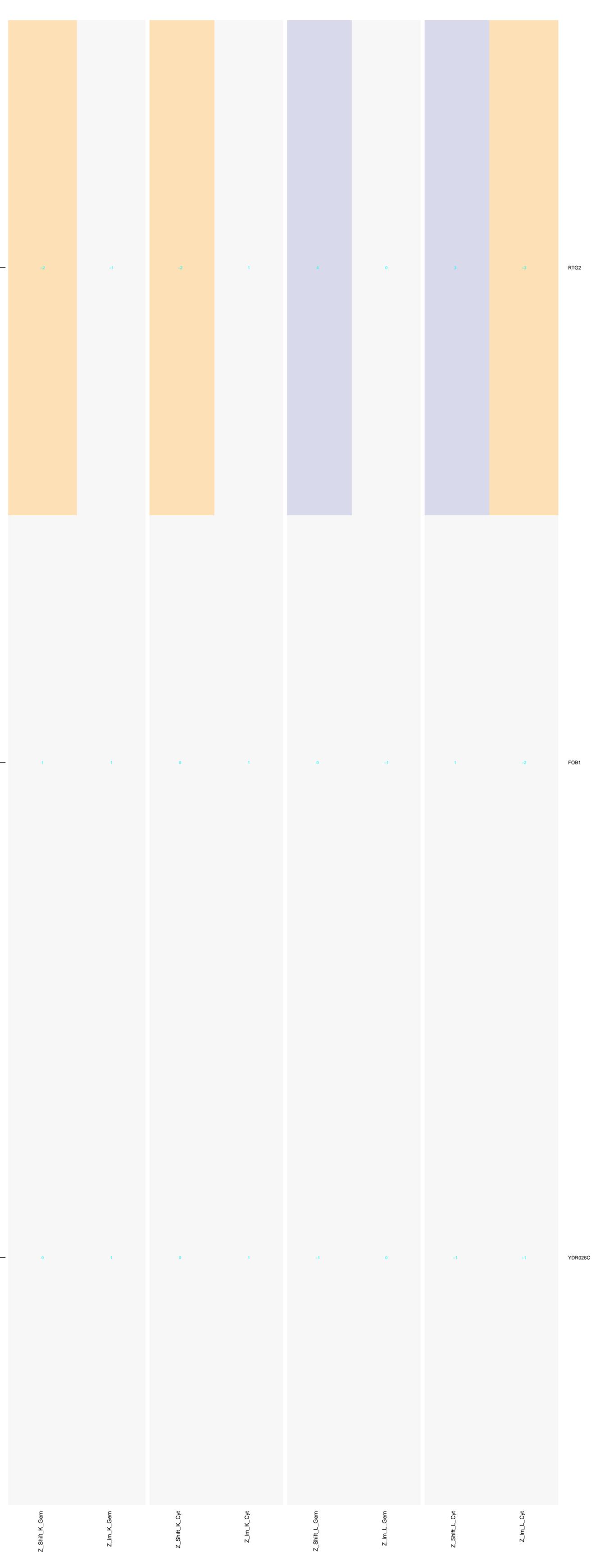
heterochromatin organization



progressive alteration of chromatin involved in replicative cell aging

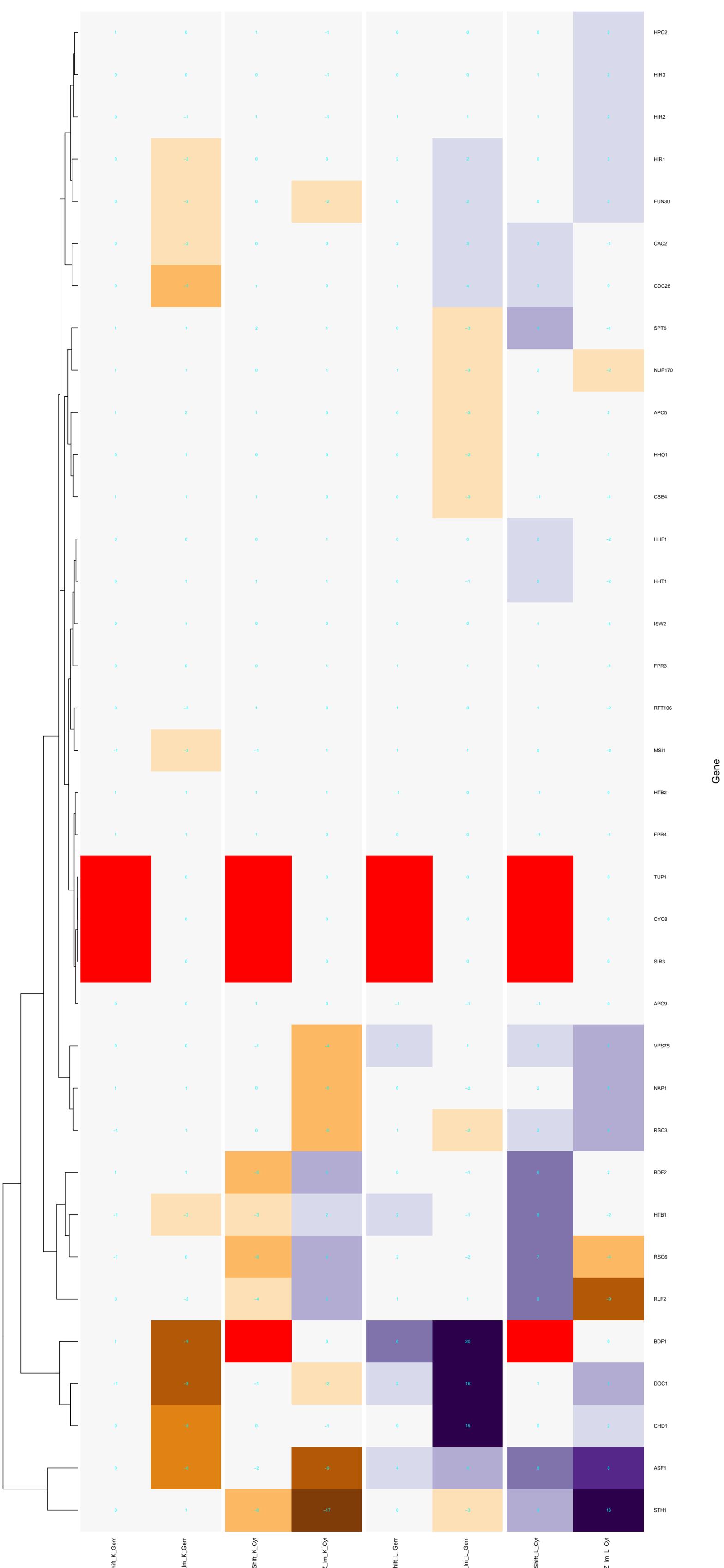
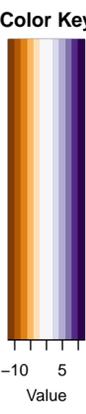


extrachromosomal circular DNA accumulation involved in cell aging

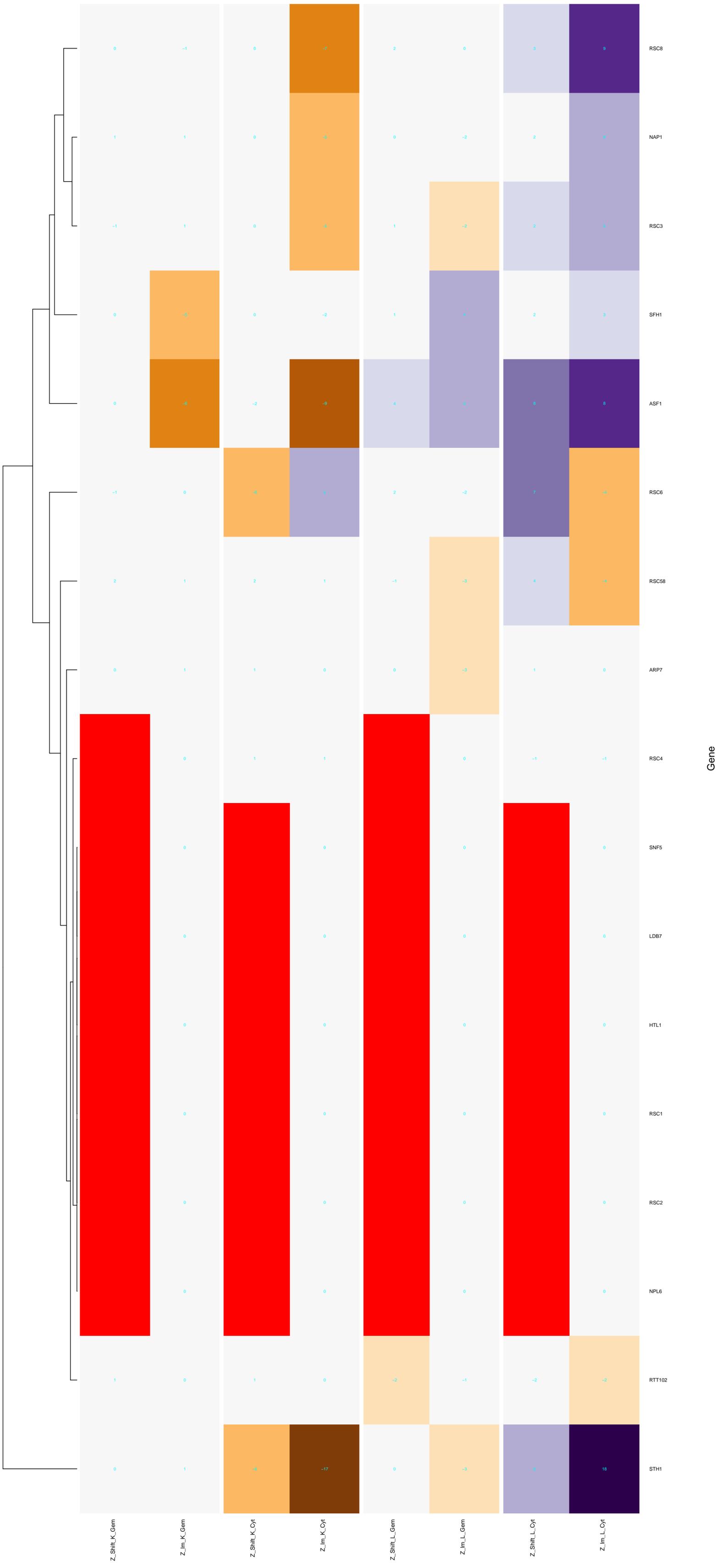
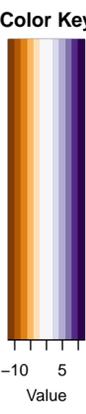


Gene

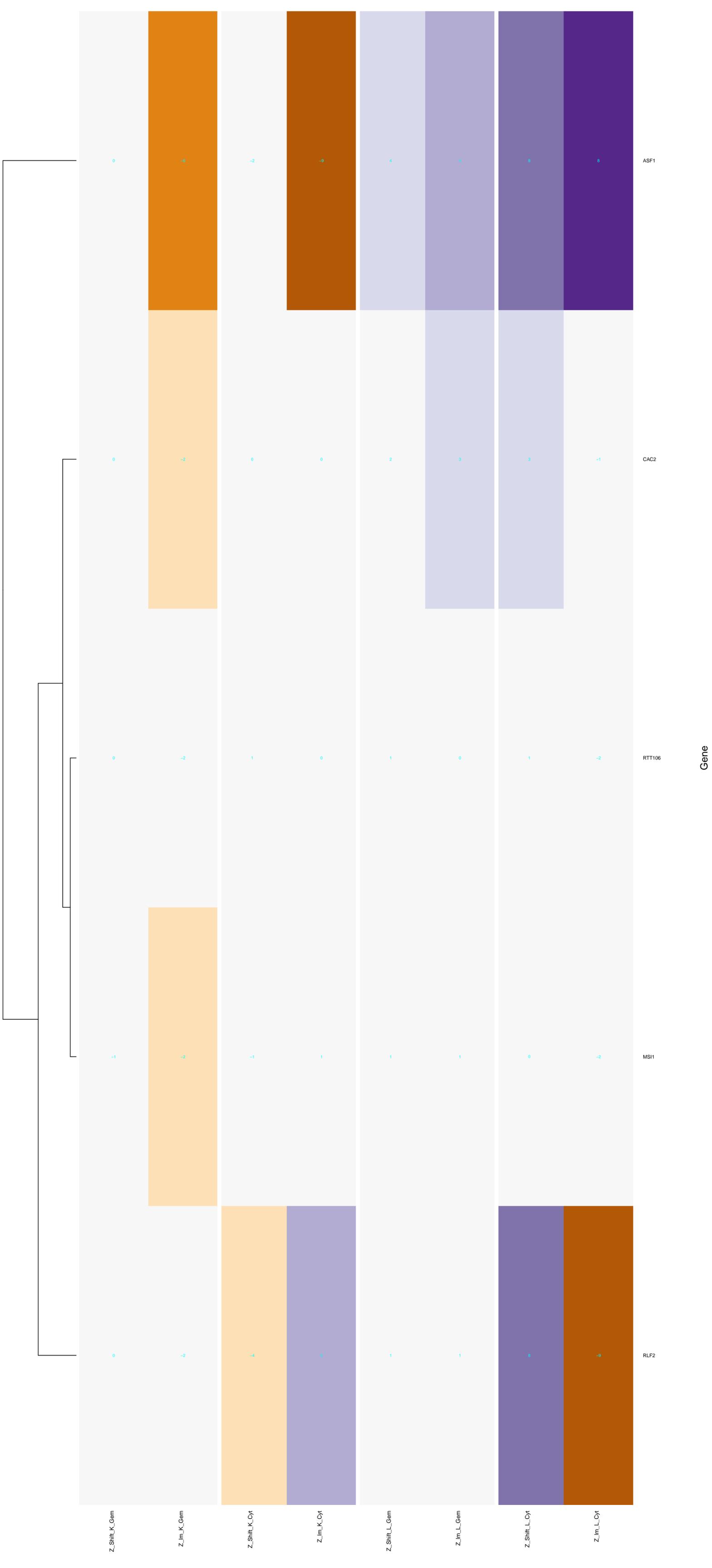
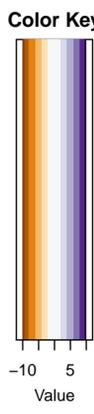
chromatin assembly



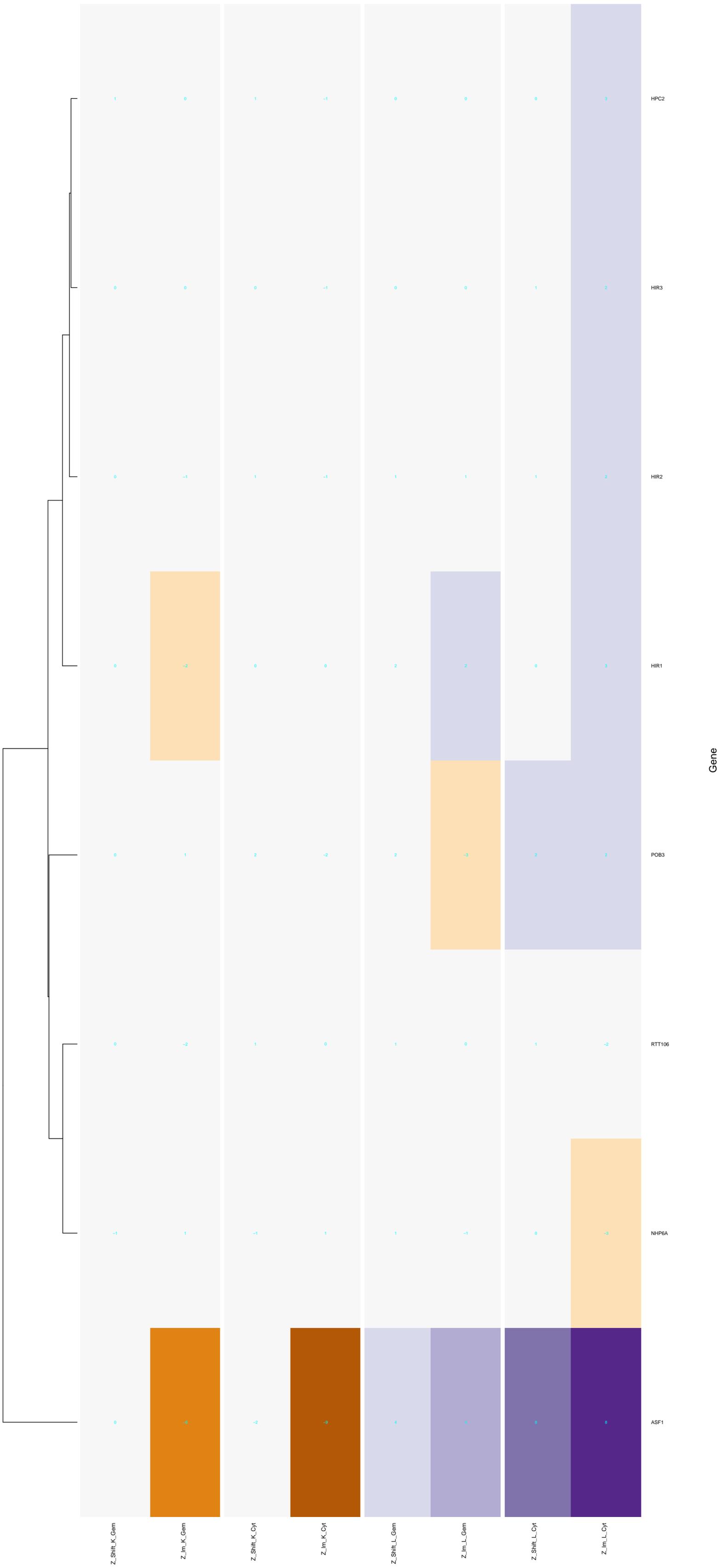
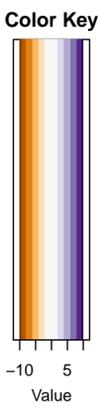
chromatin disassembly



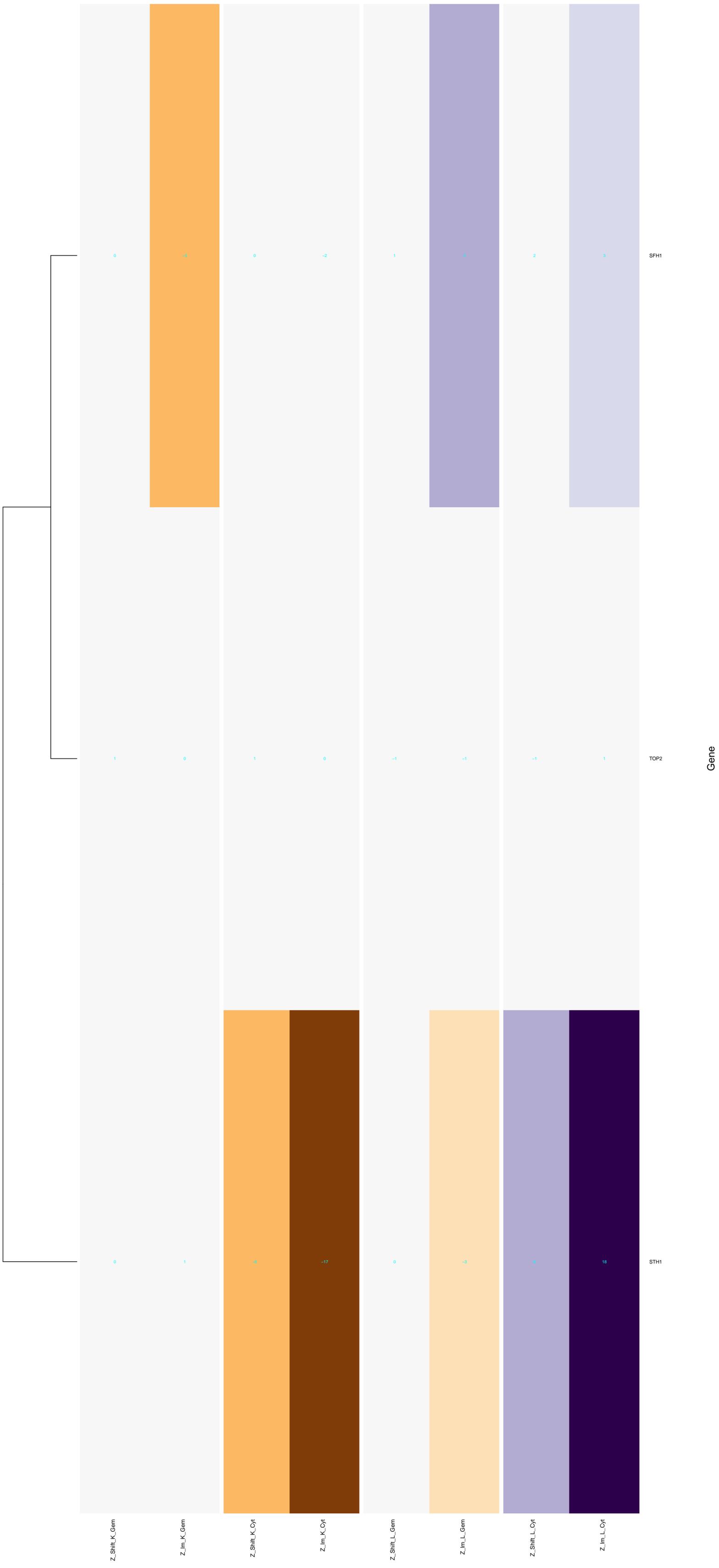
DNA replication-dependent nucleosome organization



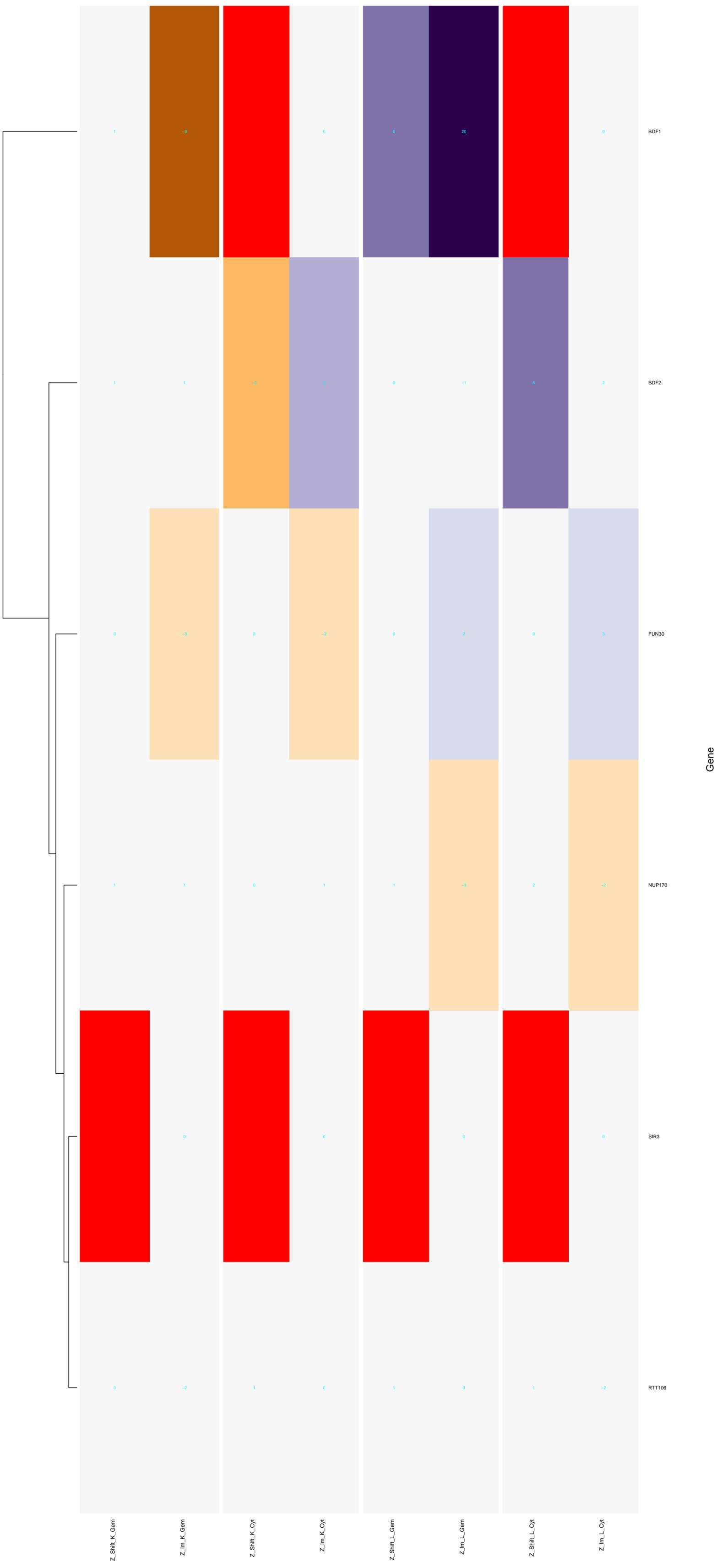
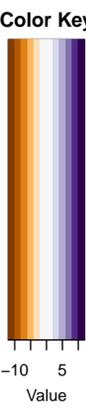
DNA replication-independent nucleosome organization



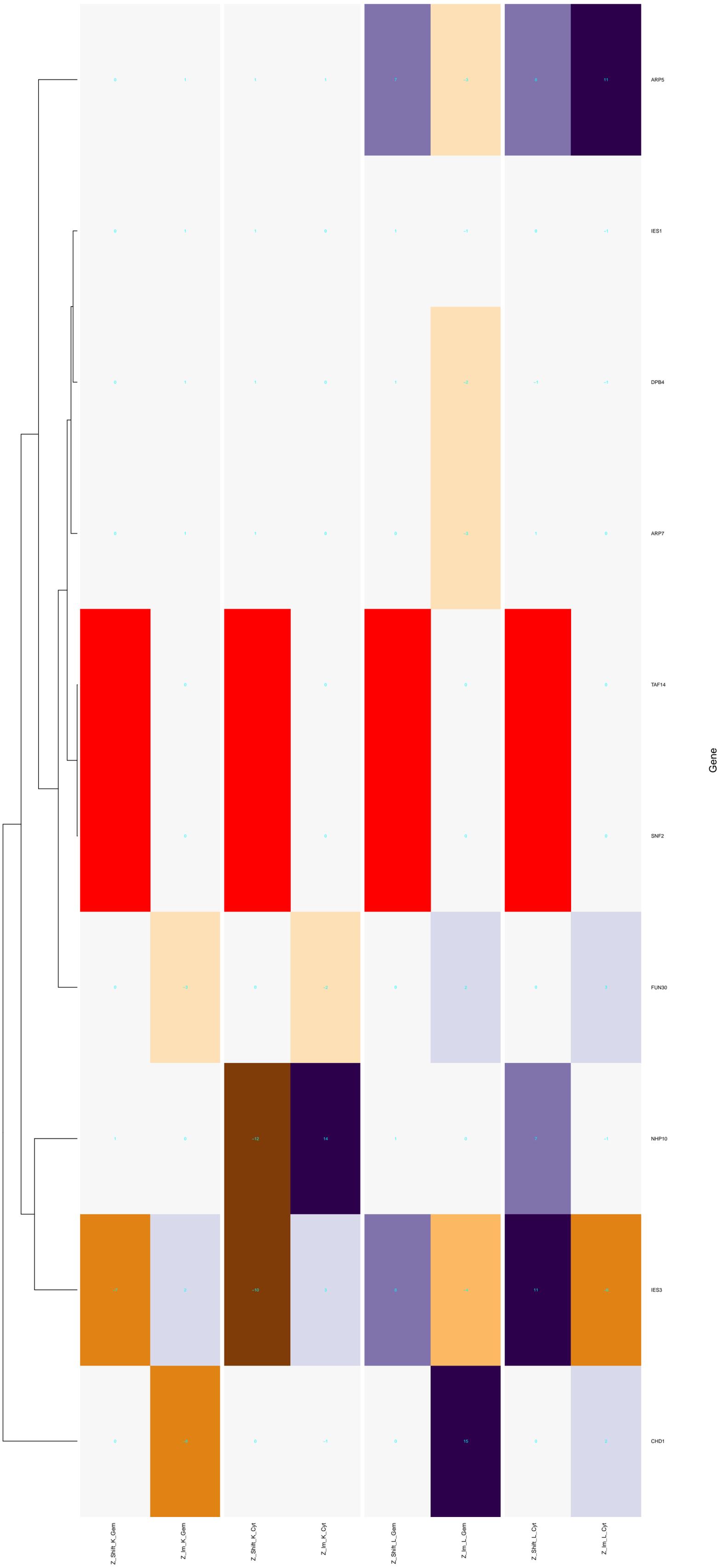
chromatin remodeling at centromere



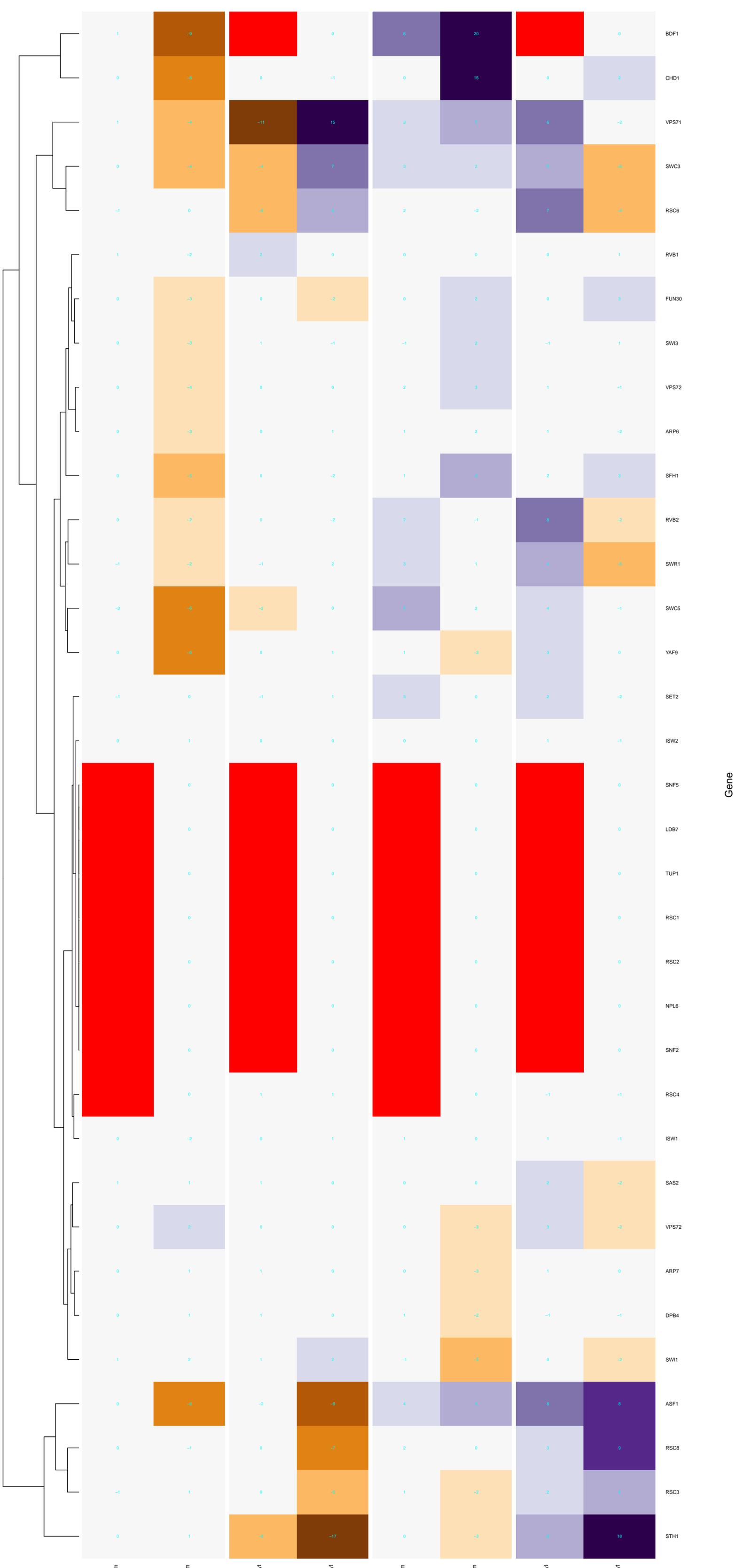
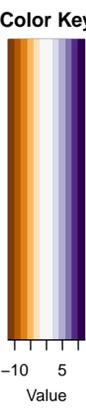
heterochromatin assembly



nucleosome mobilization

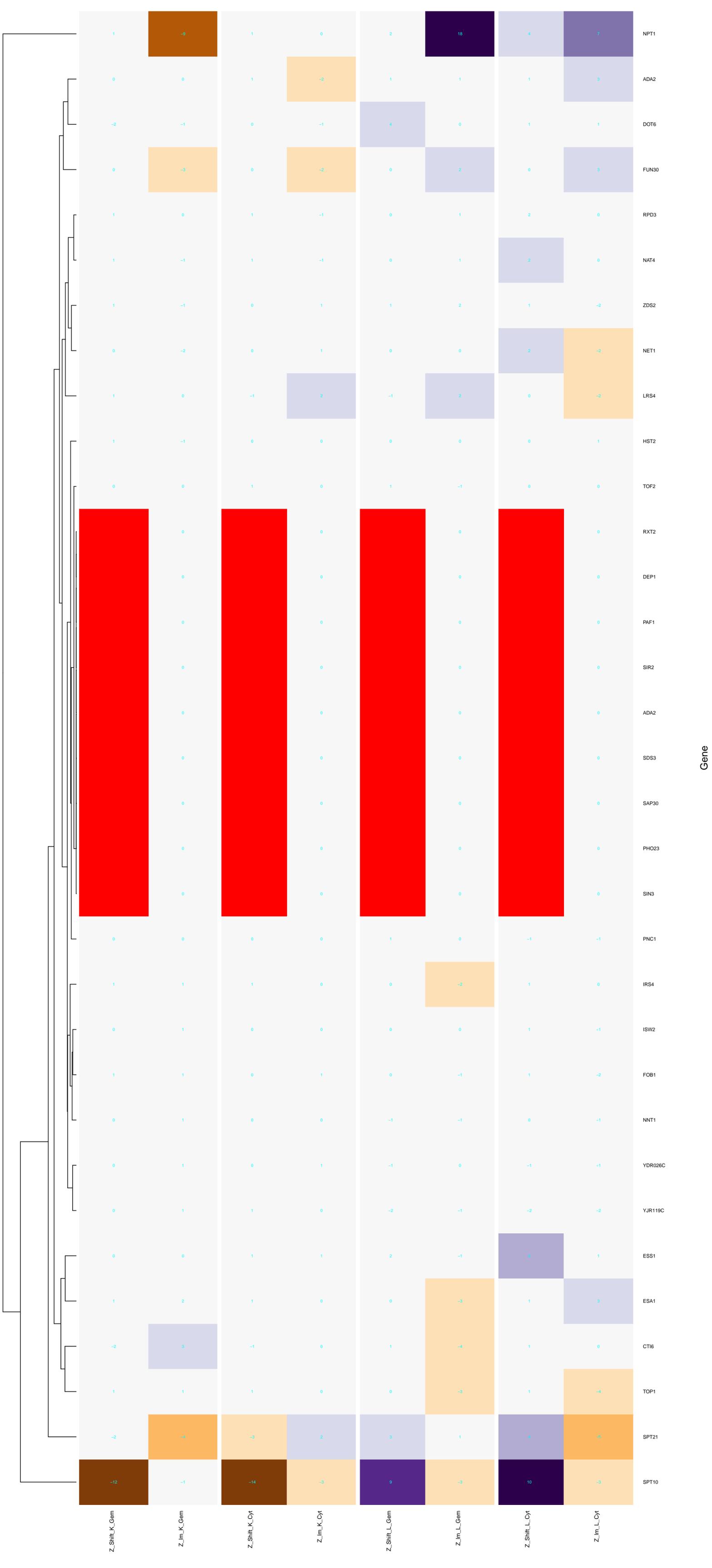
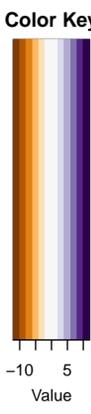


ATP-dependent chromatin remodeling

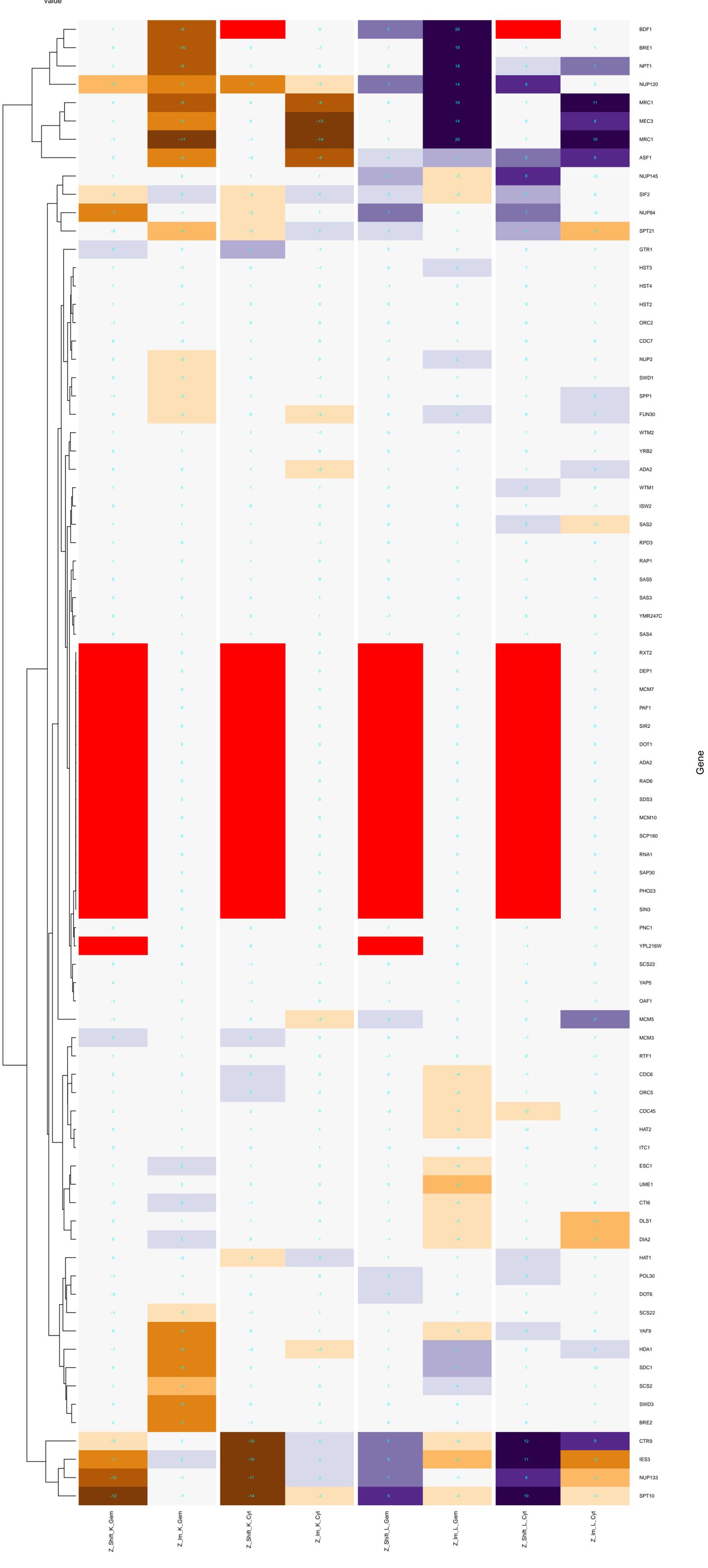
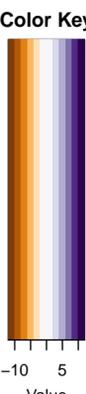


Gene

chromatin silencing at rDNA

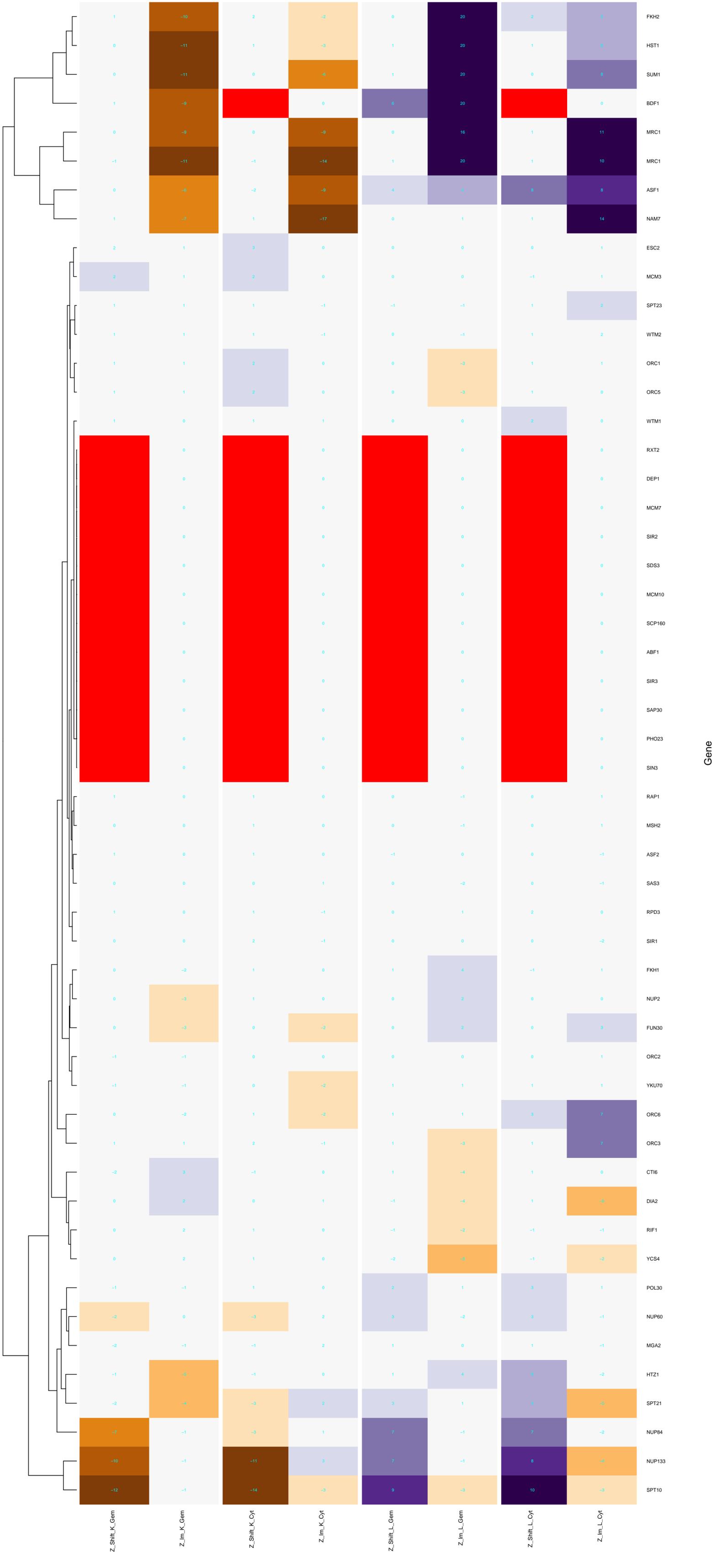
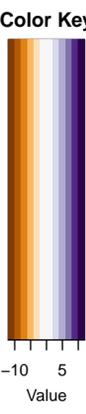


chromatin silencing at telomere



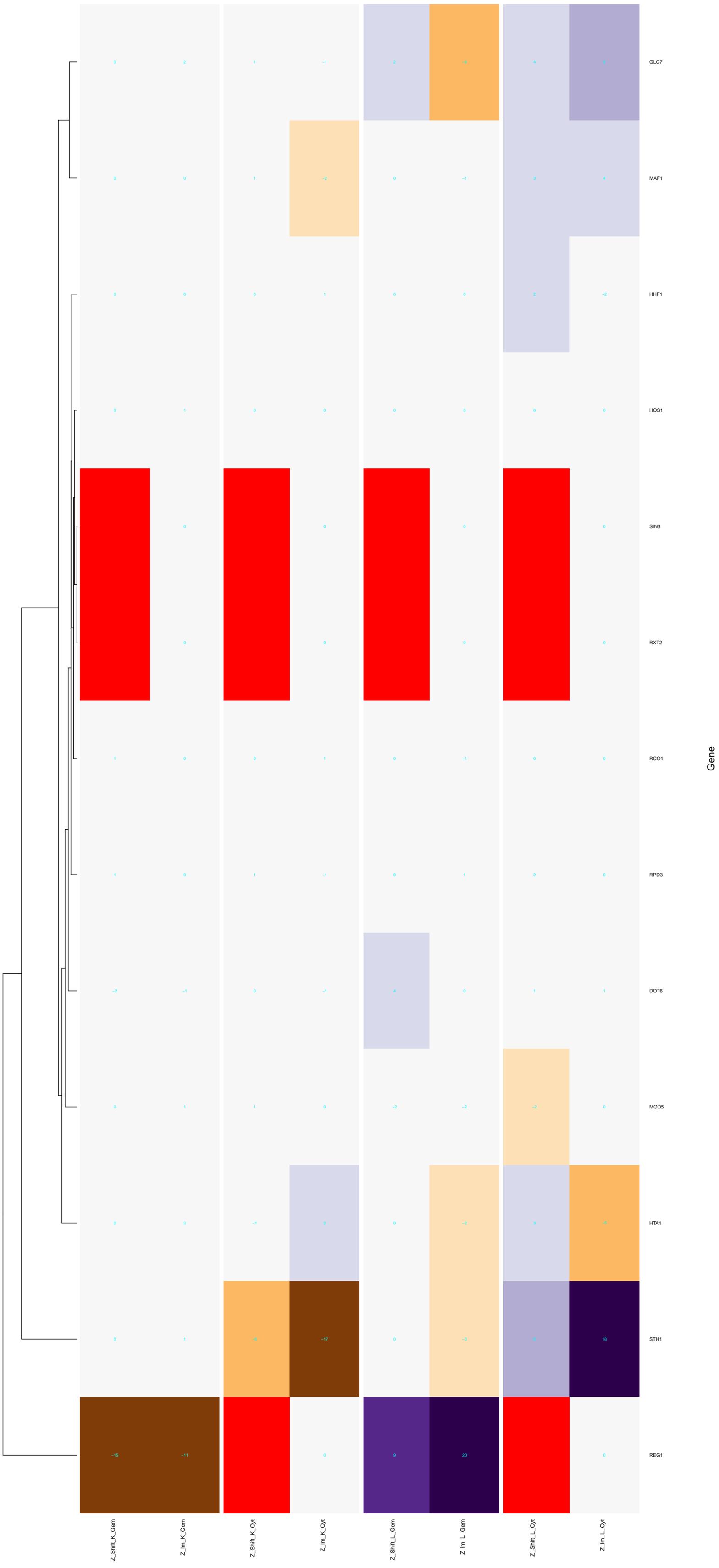
Gene

chromatin silencing at silent mating-type cassette

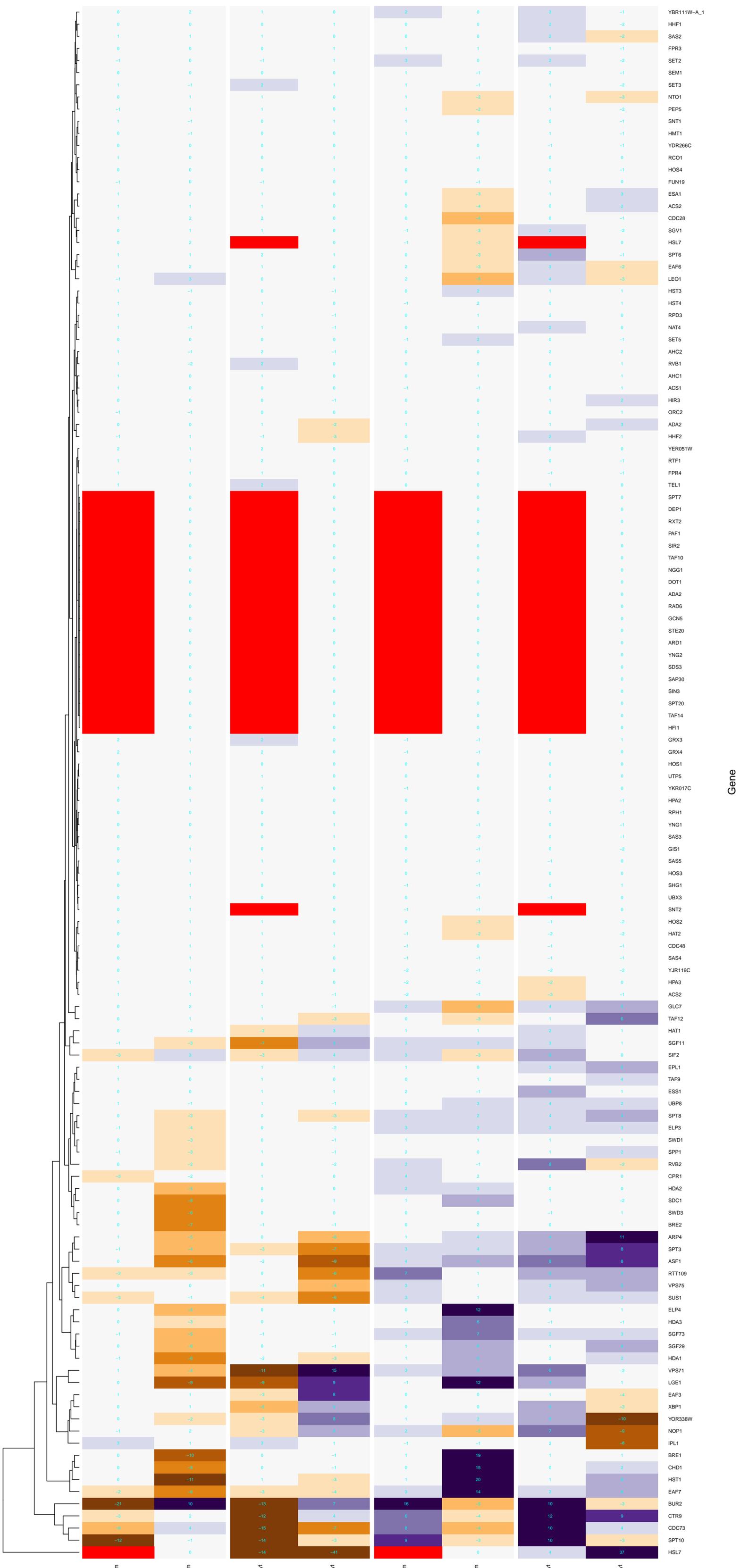
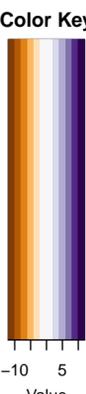


Gene

transfer RNA gene-mediated silencing

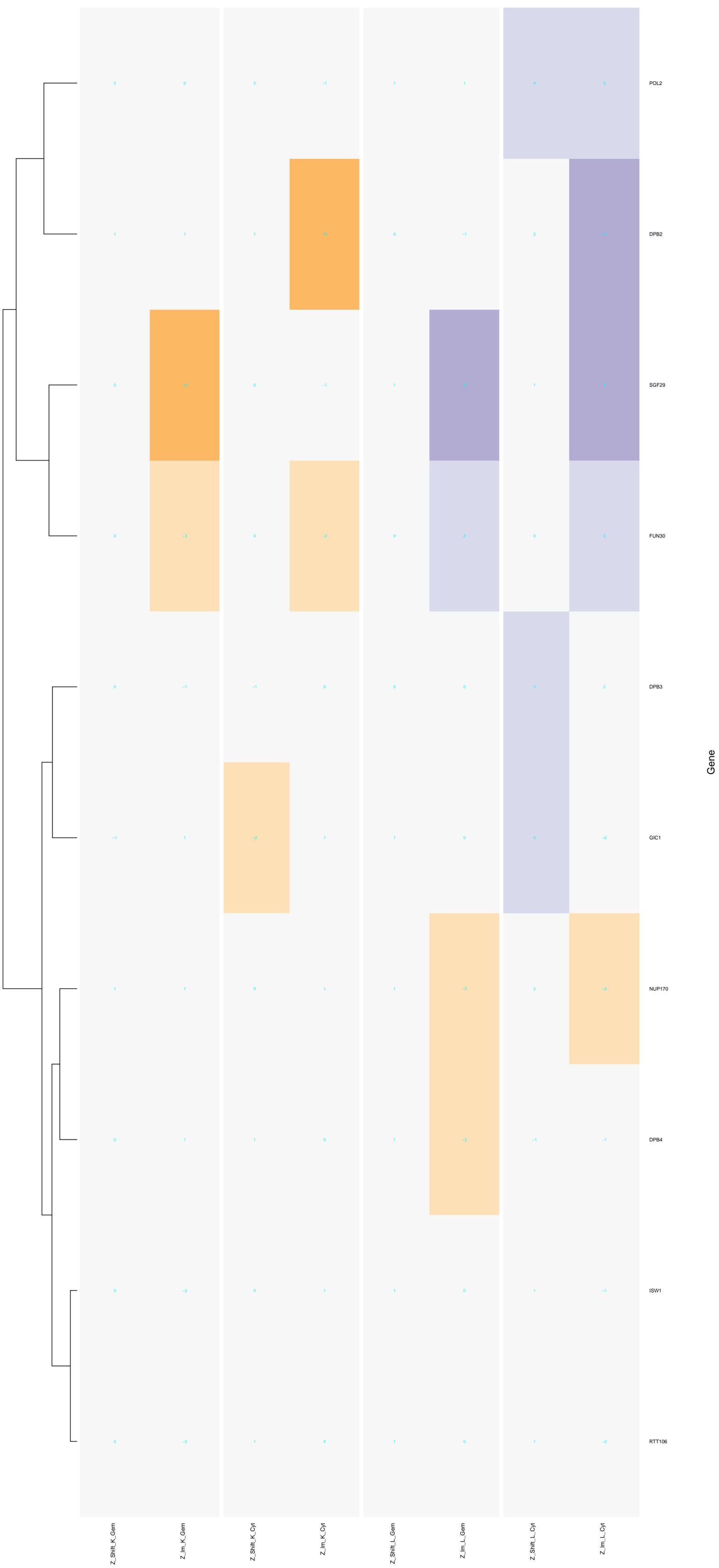
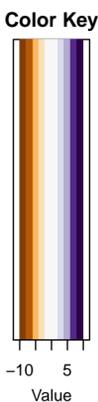


histone modification

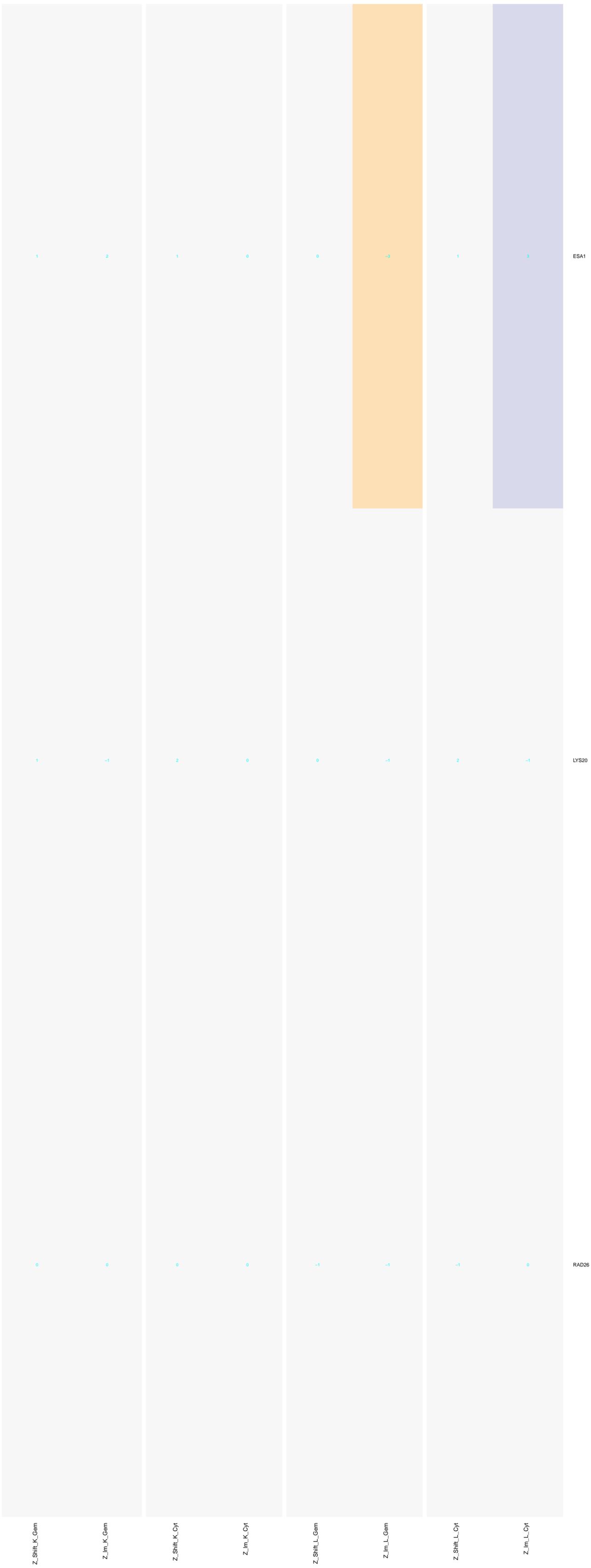
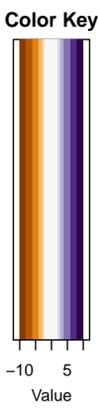


Gene

chromatin organization involved in negative regulation of transcription

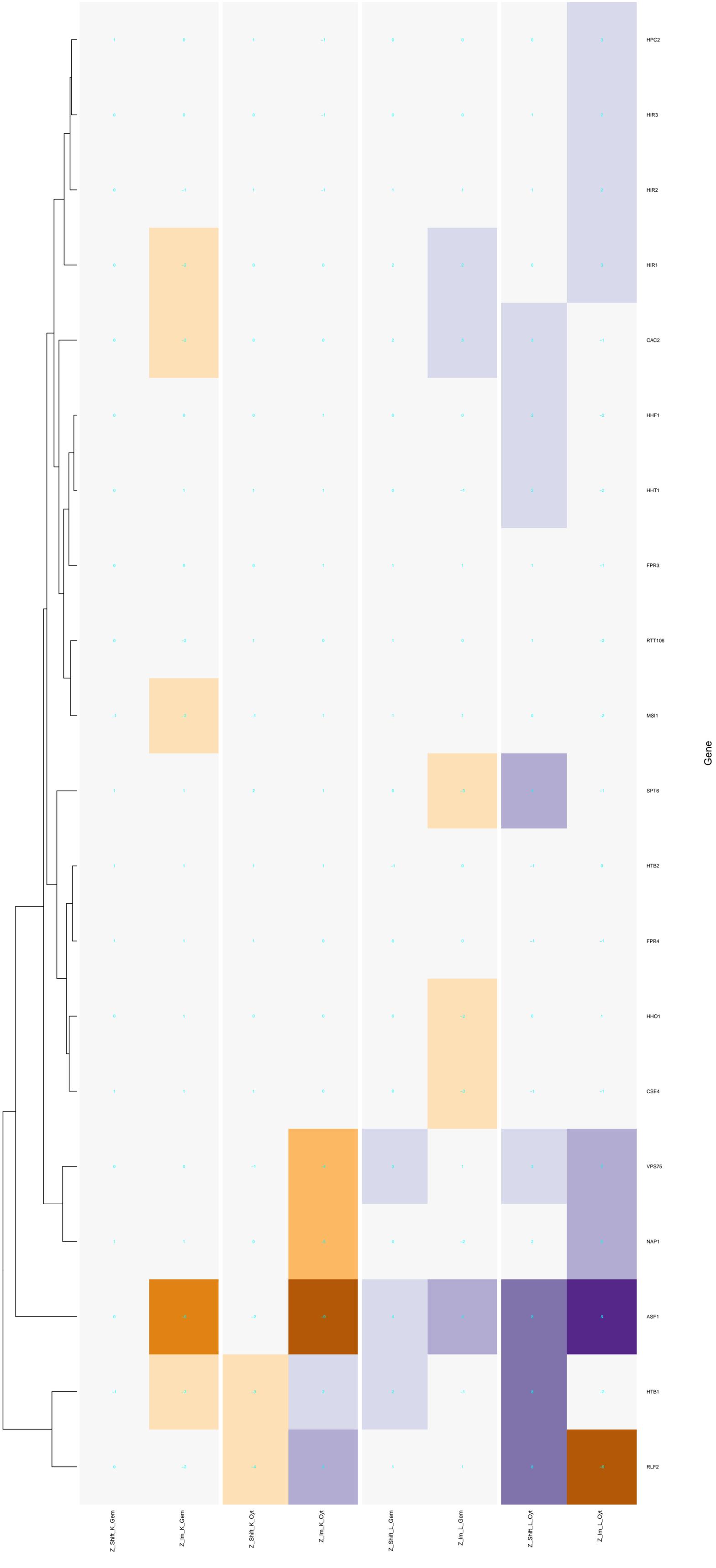
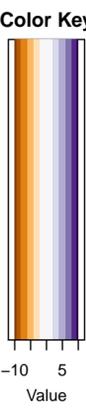


histone displacement

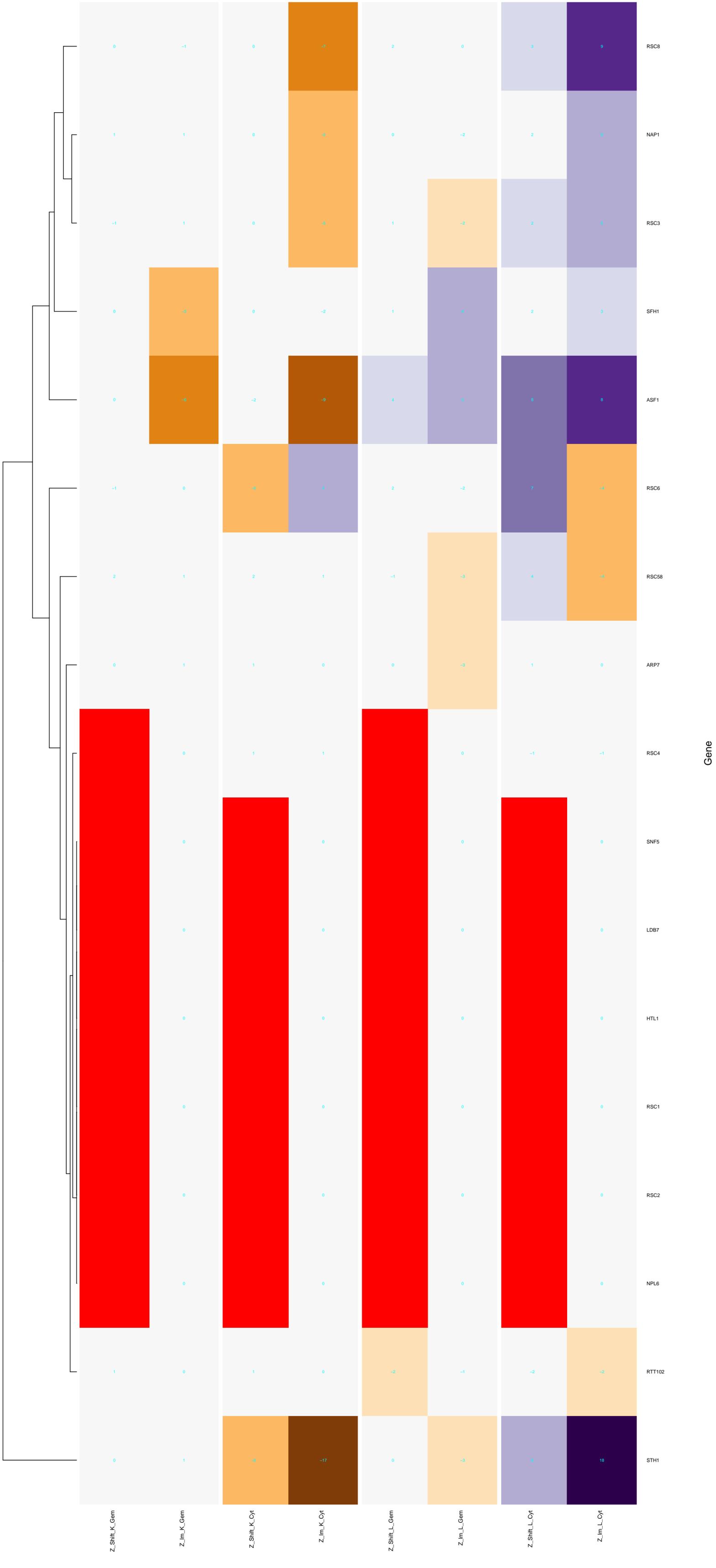
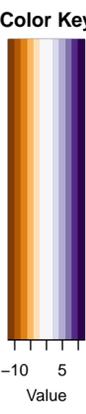


Gene

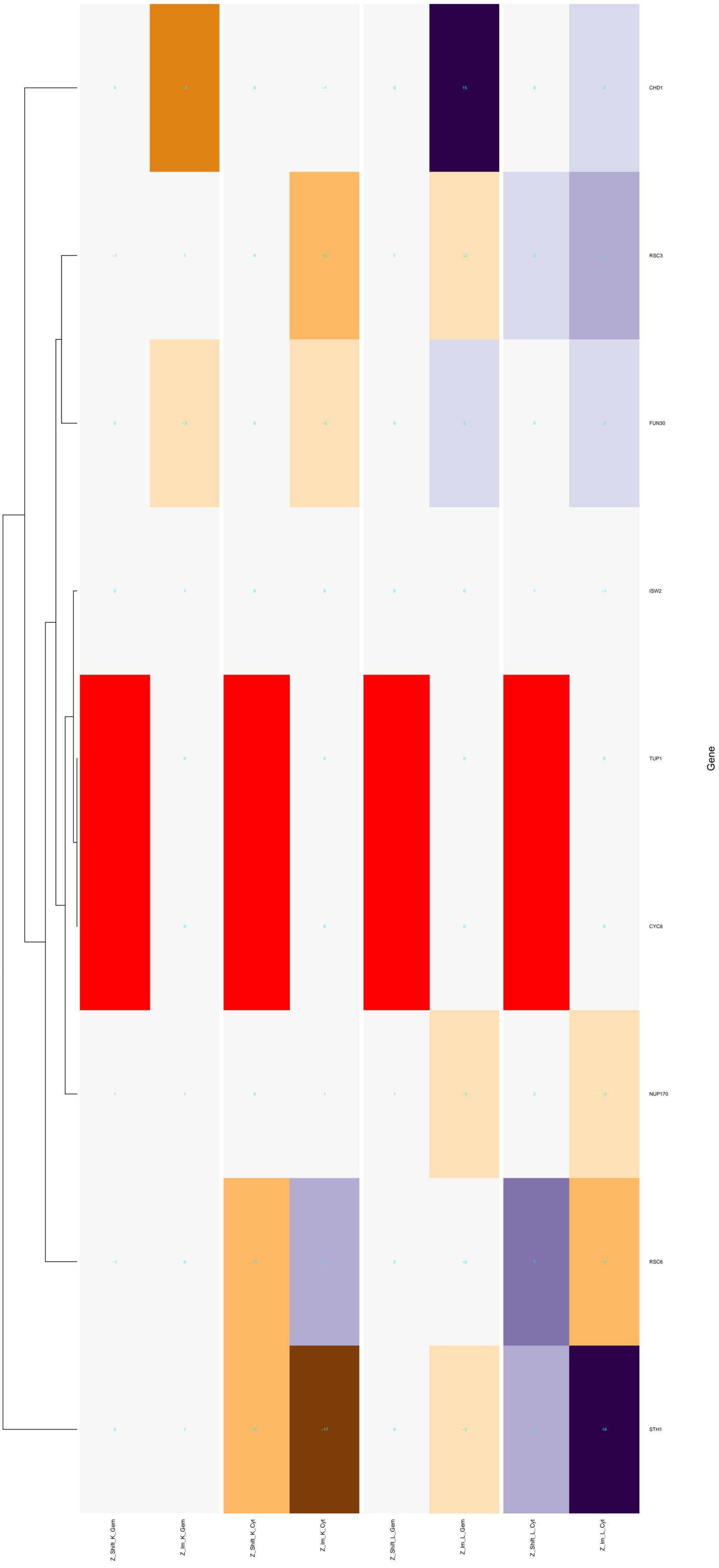
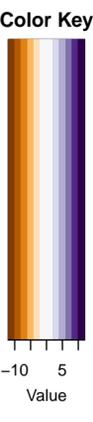
nucleosome assembly



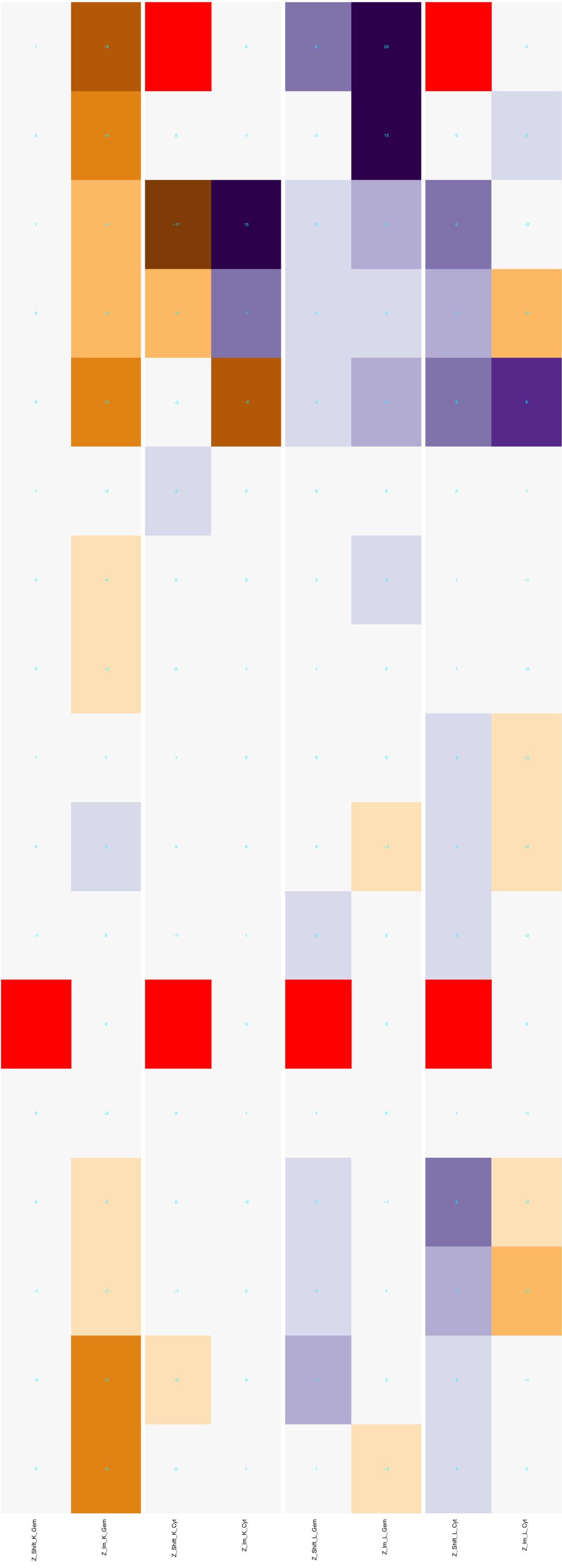
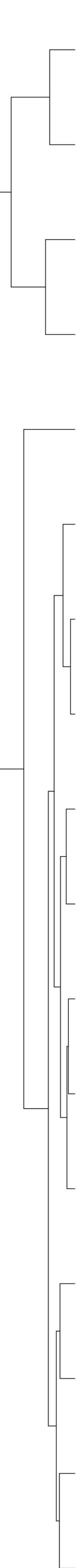
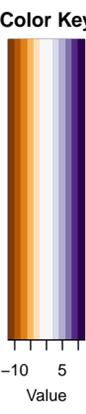
nucleosome disassembly



nucleosome positioning

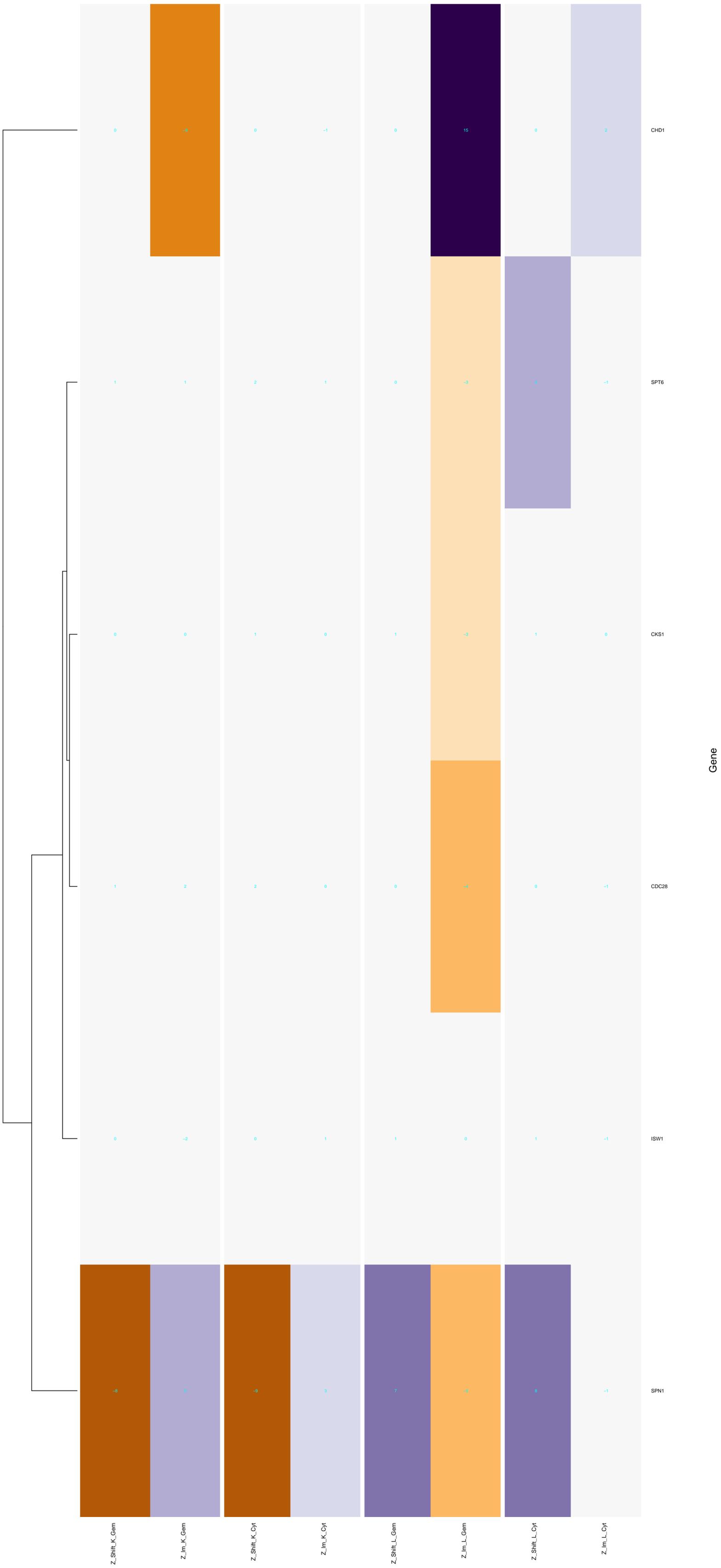
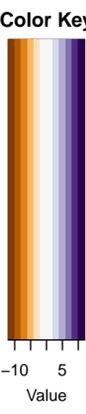


histone exchange

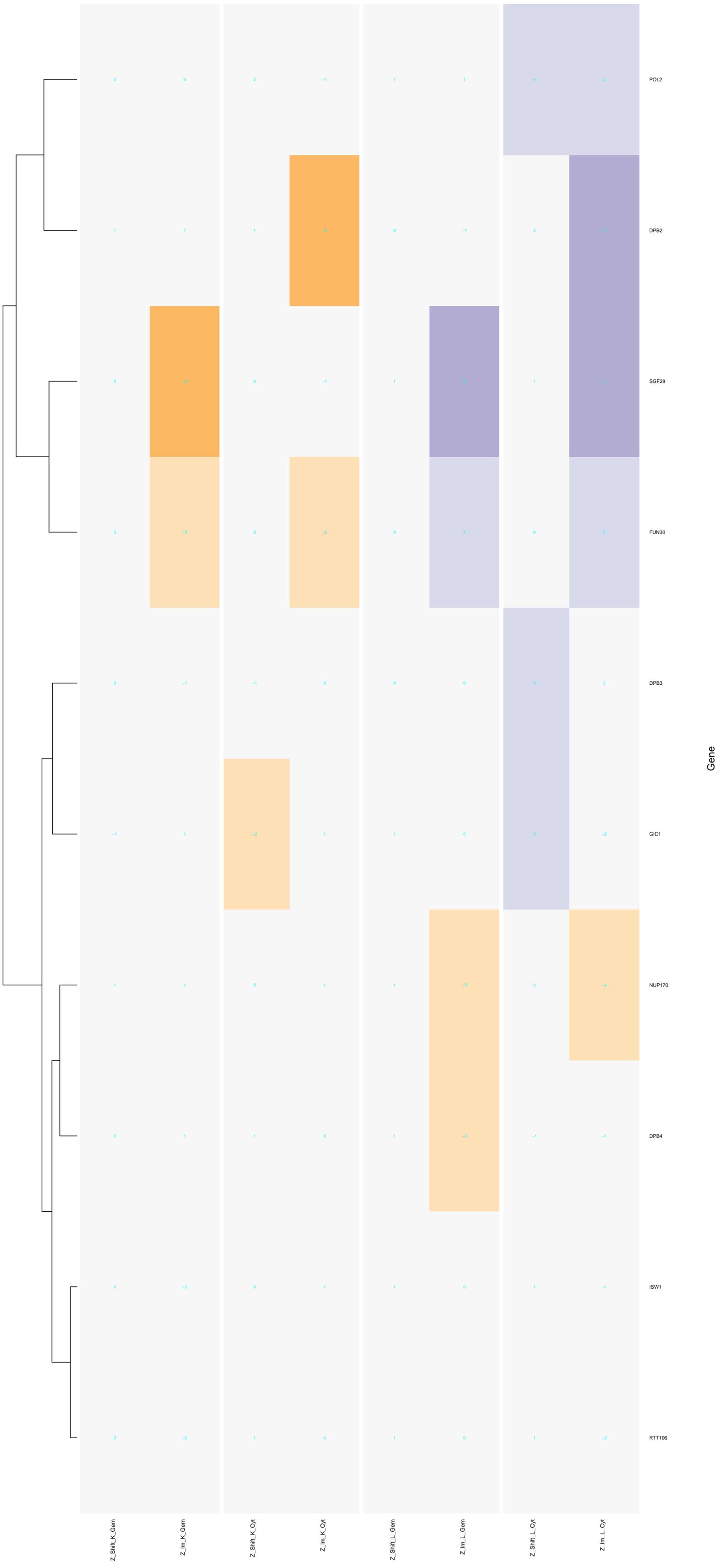
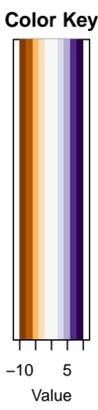


Gene

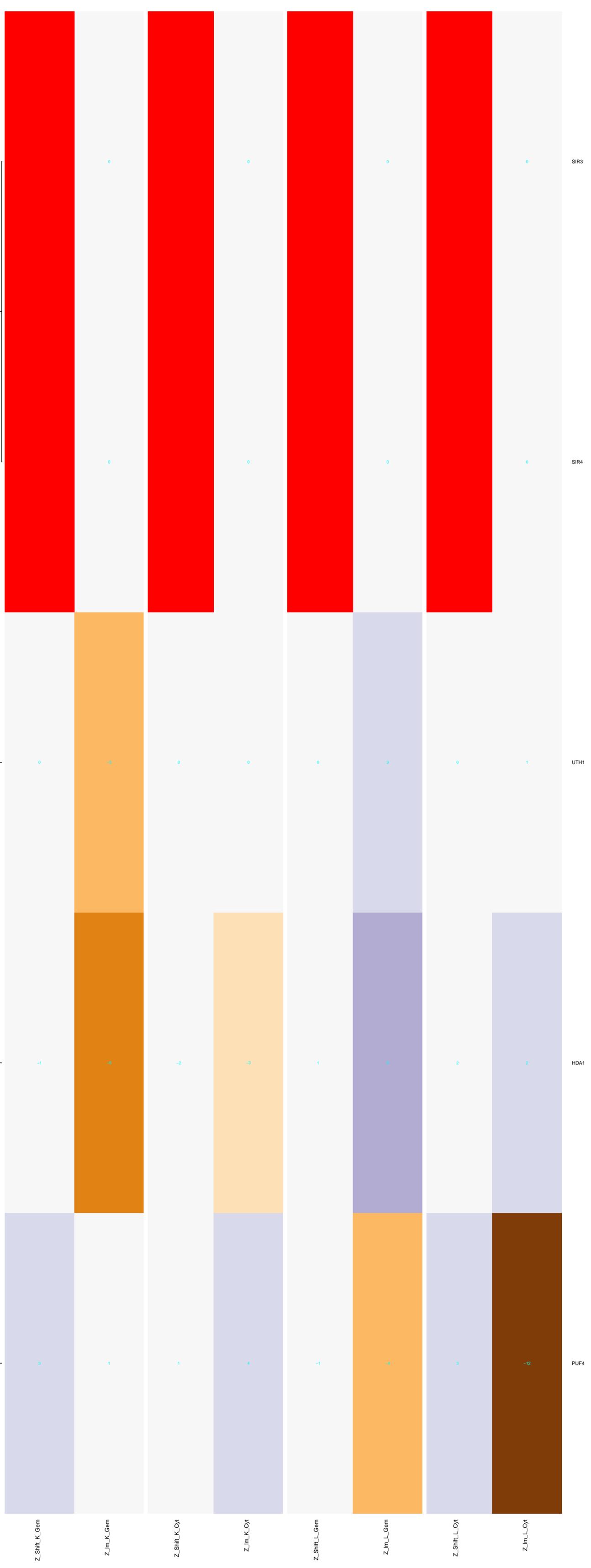
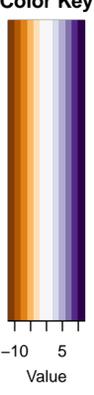
regulation of nucleosome density



heterochromatin organization involved in chromatin silencing

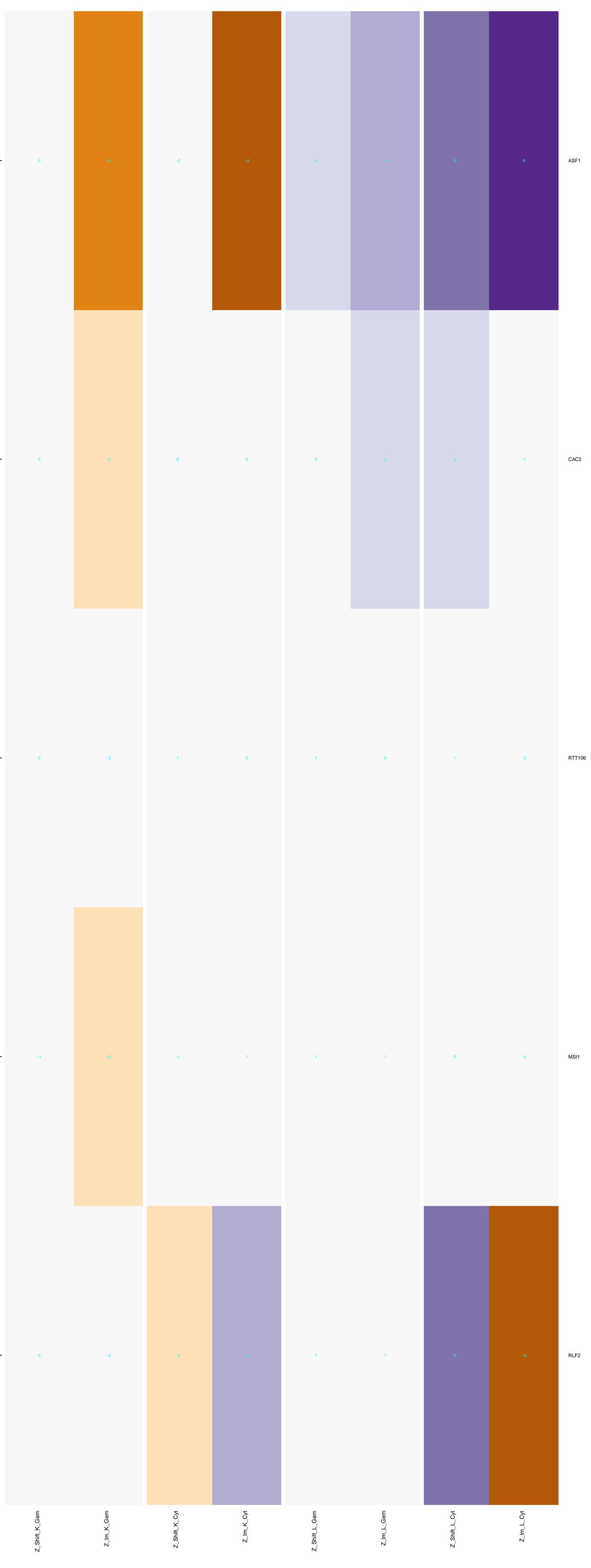
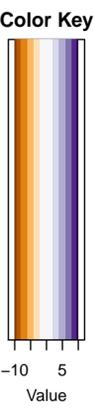


negative regulation of chromatin silencing involved in replicative cell aging



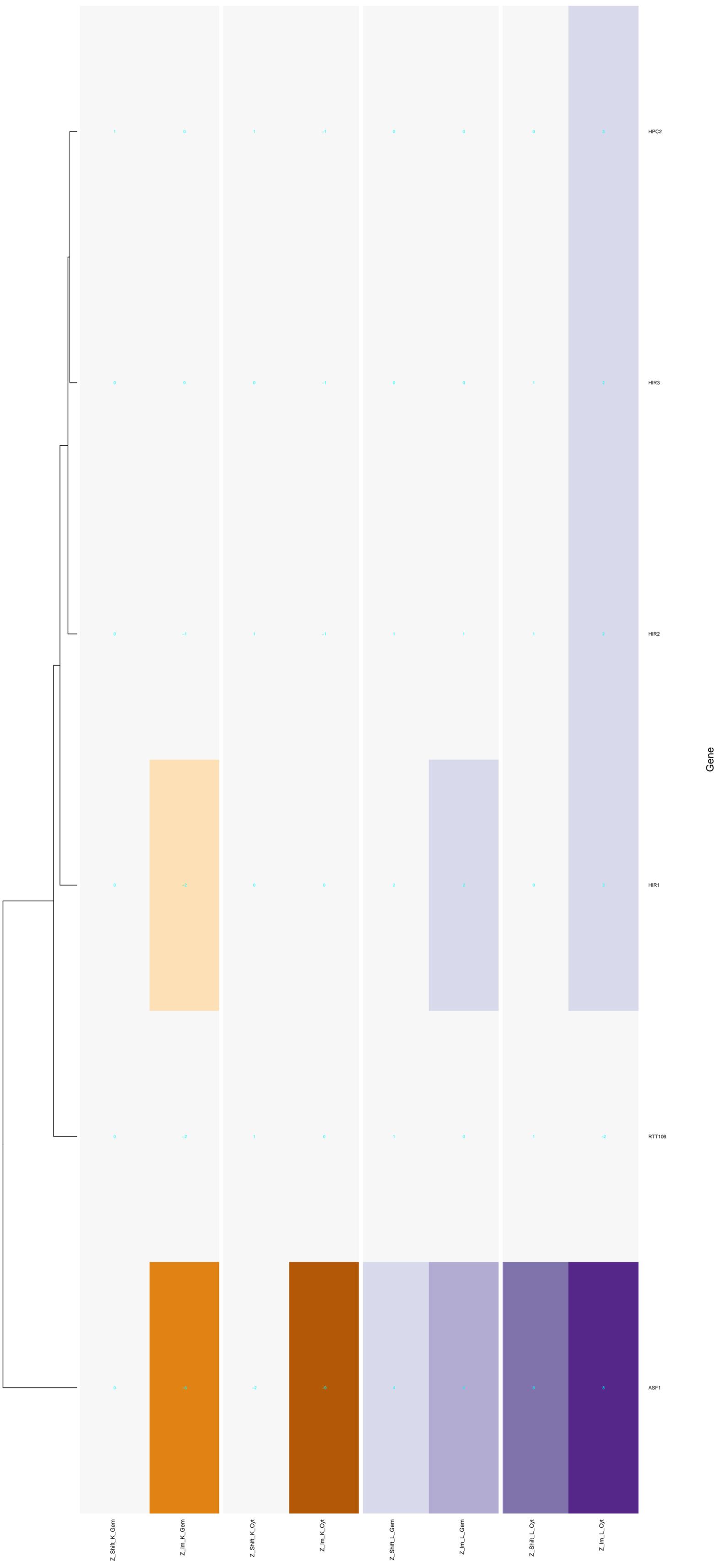
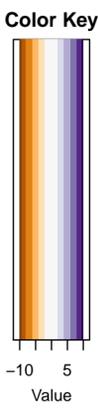
Gene

DNA replication-dependent nucleosome assembly

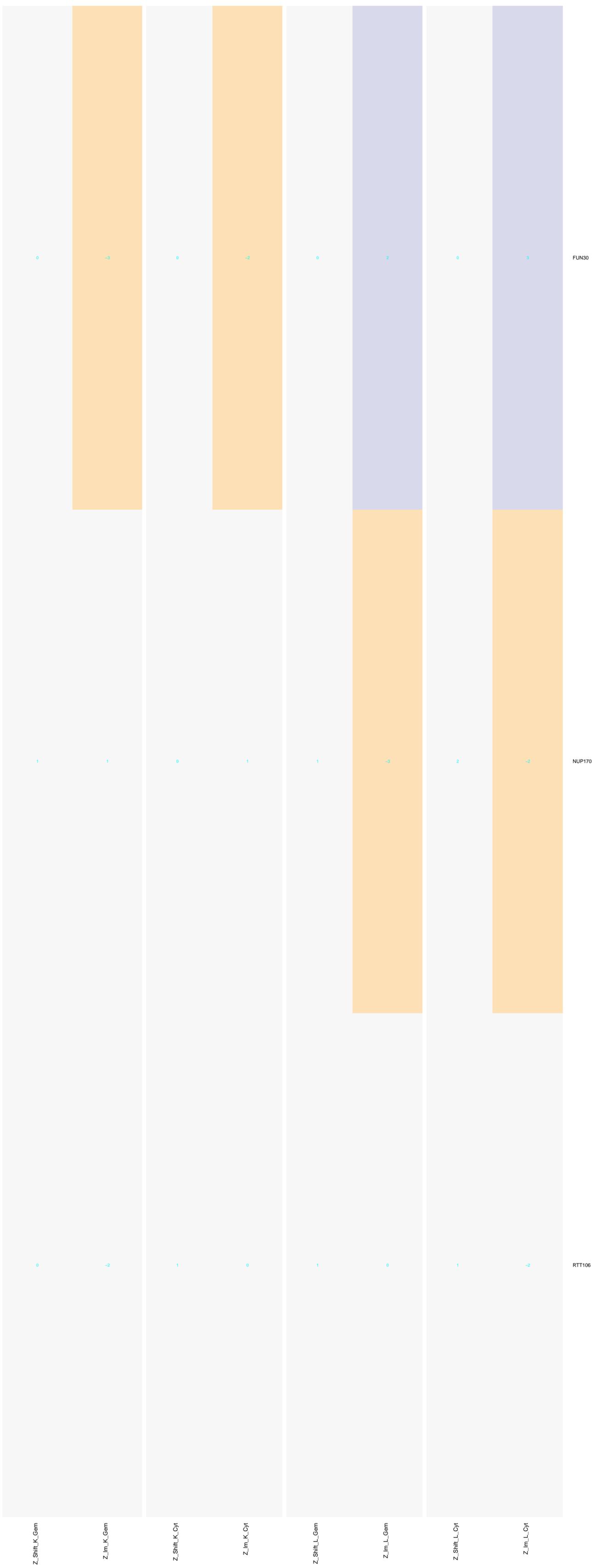
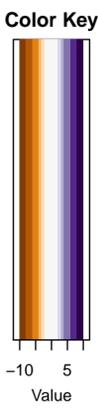


Gene

DNA replication-independent nucleosome assembly

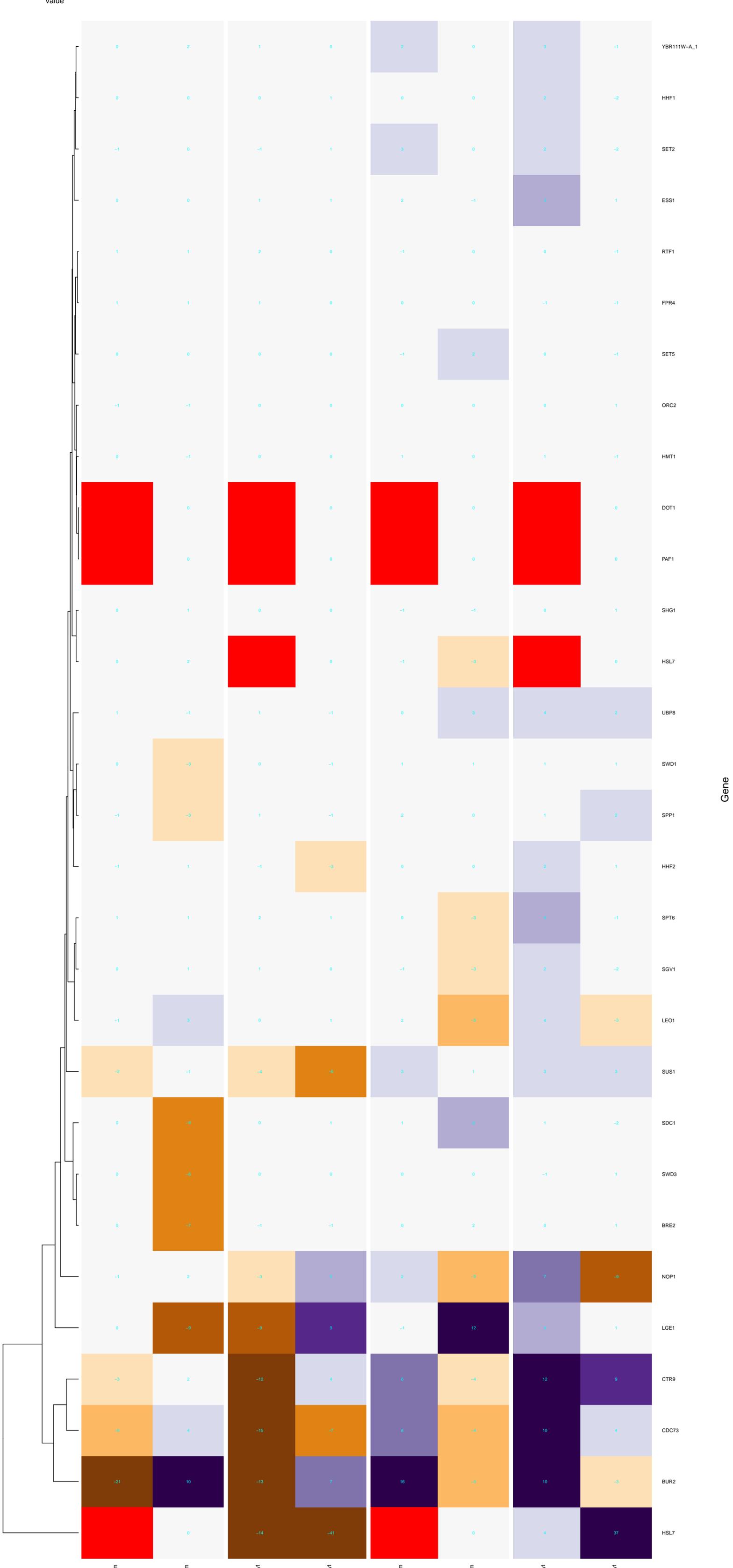
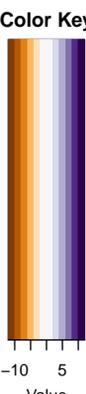


heterochromatin assembly involved in chromatin silencing

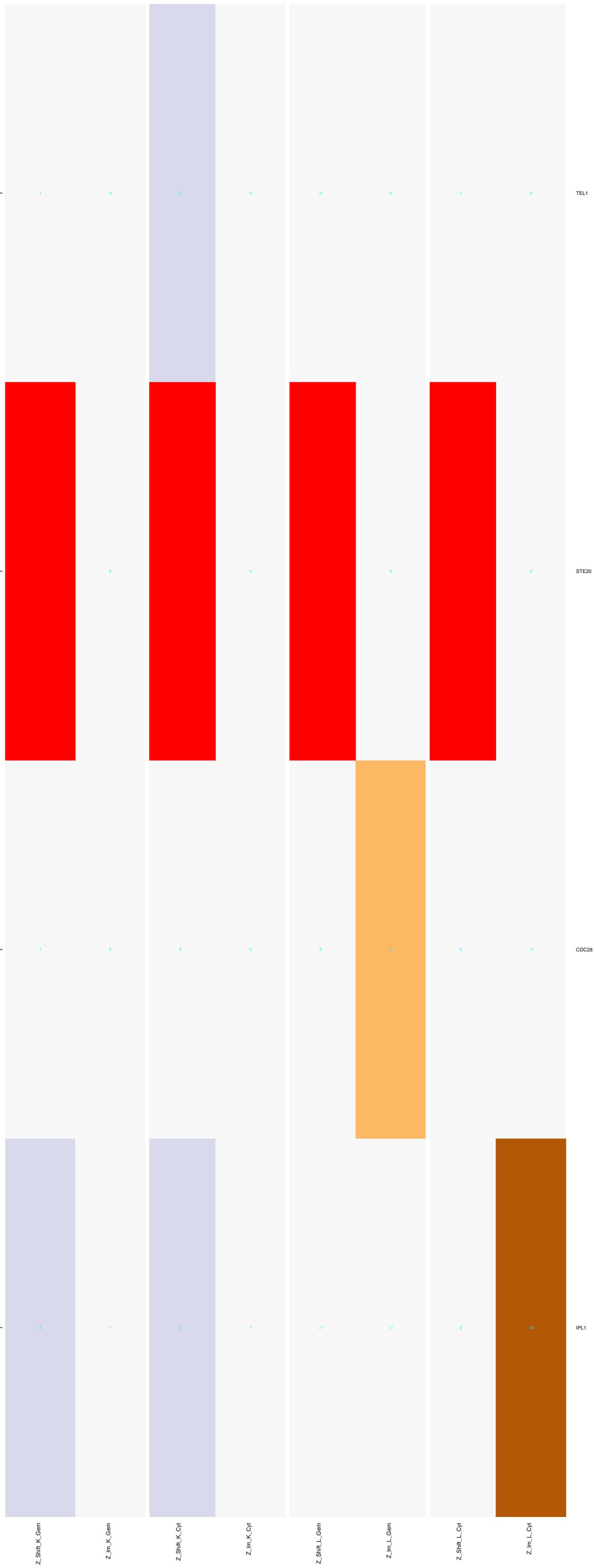
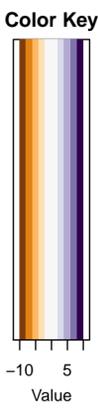


Gene

histone methylation

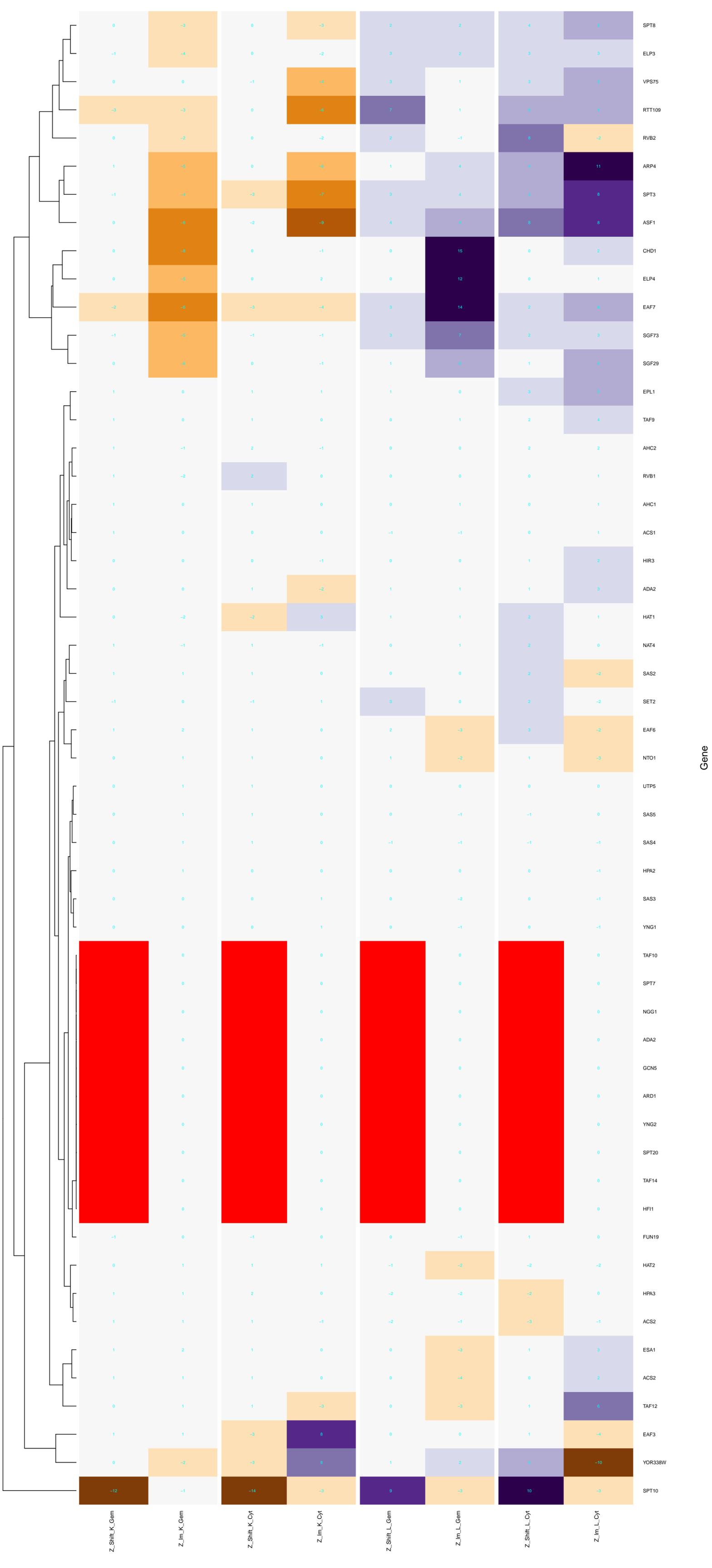
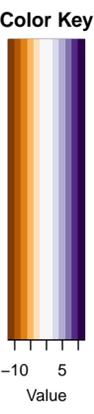


histone phosphorylation

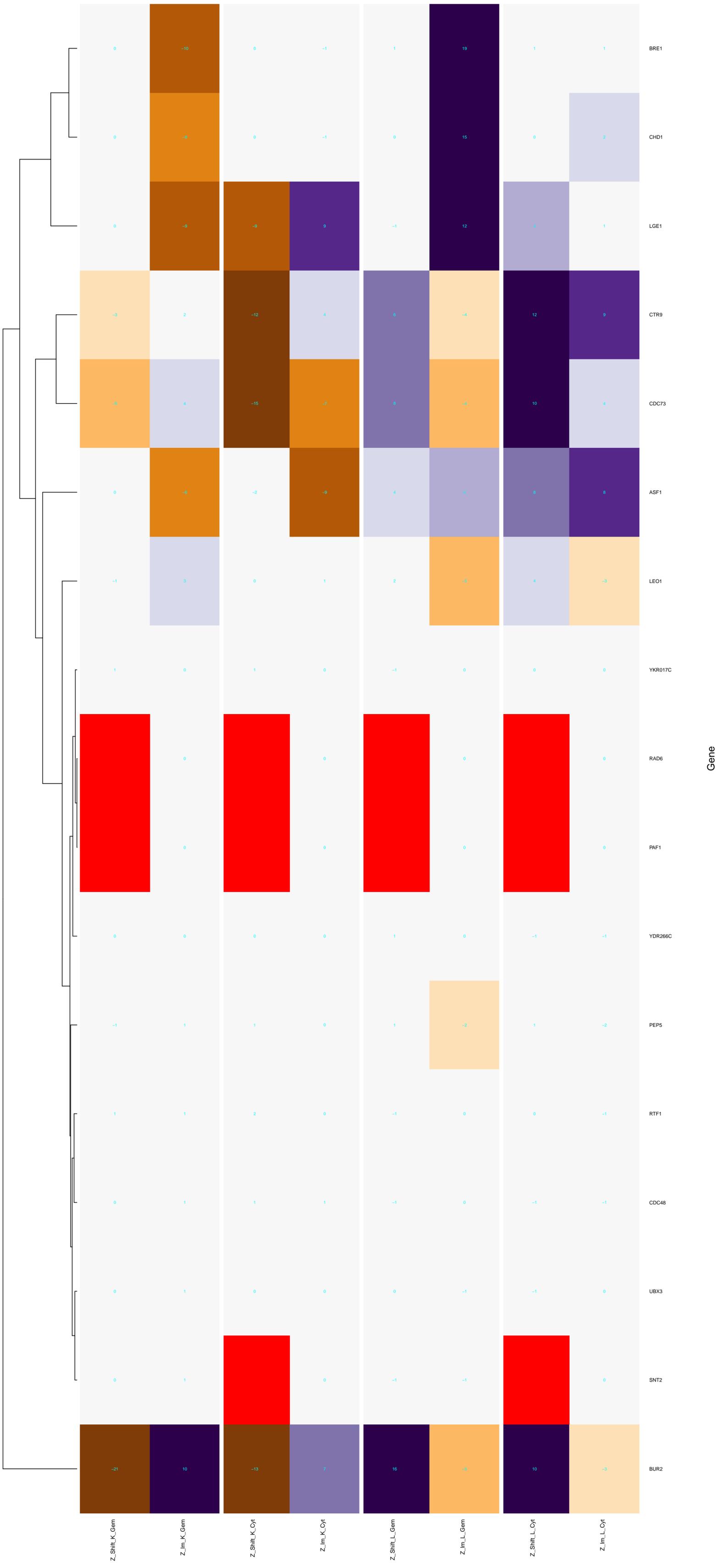
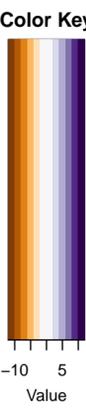


Gene

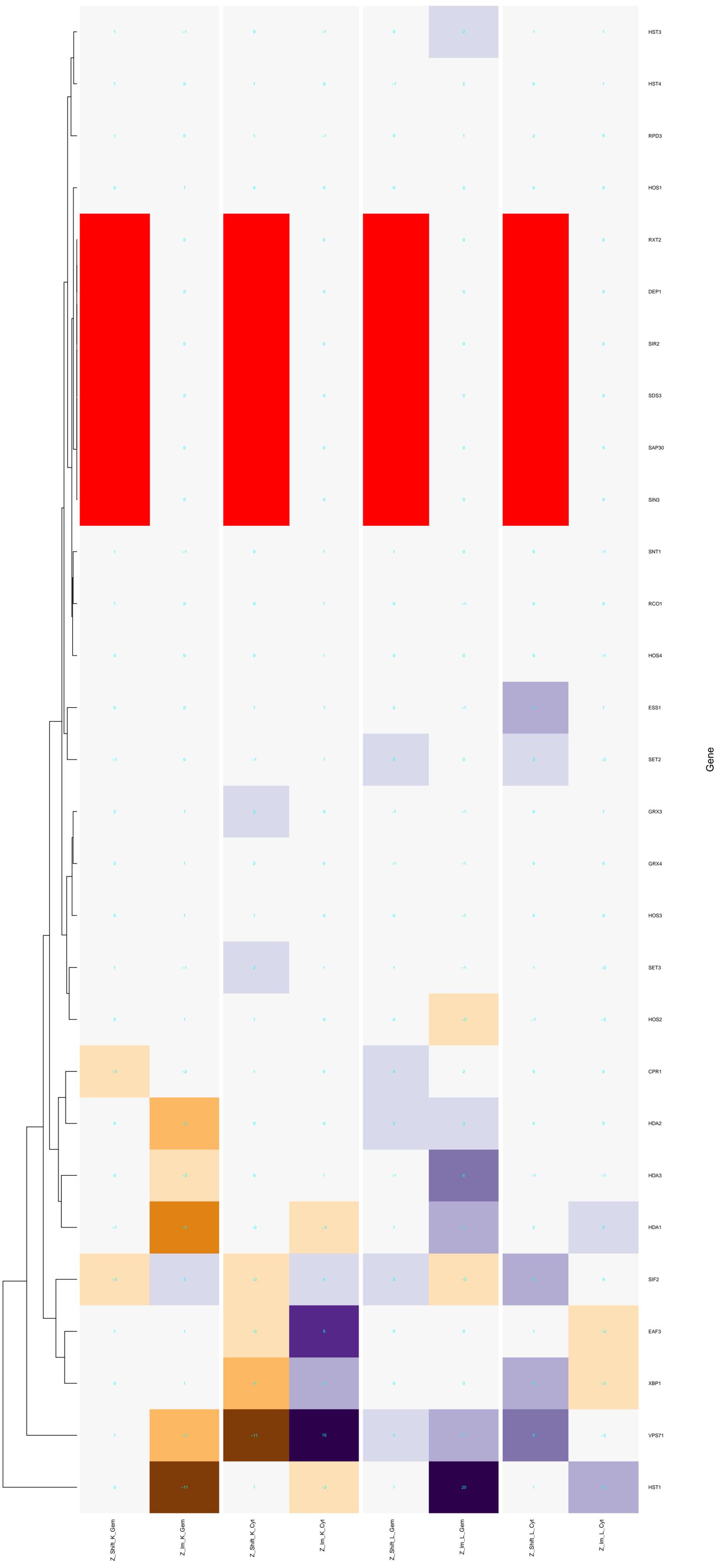
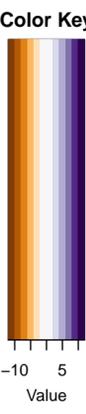
histone acetylation



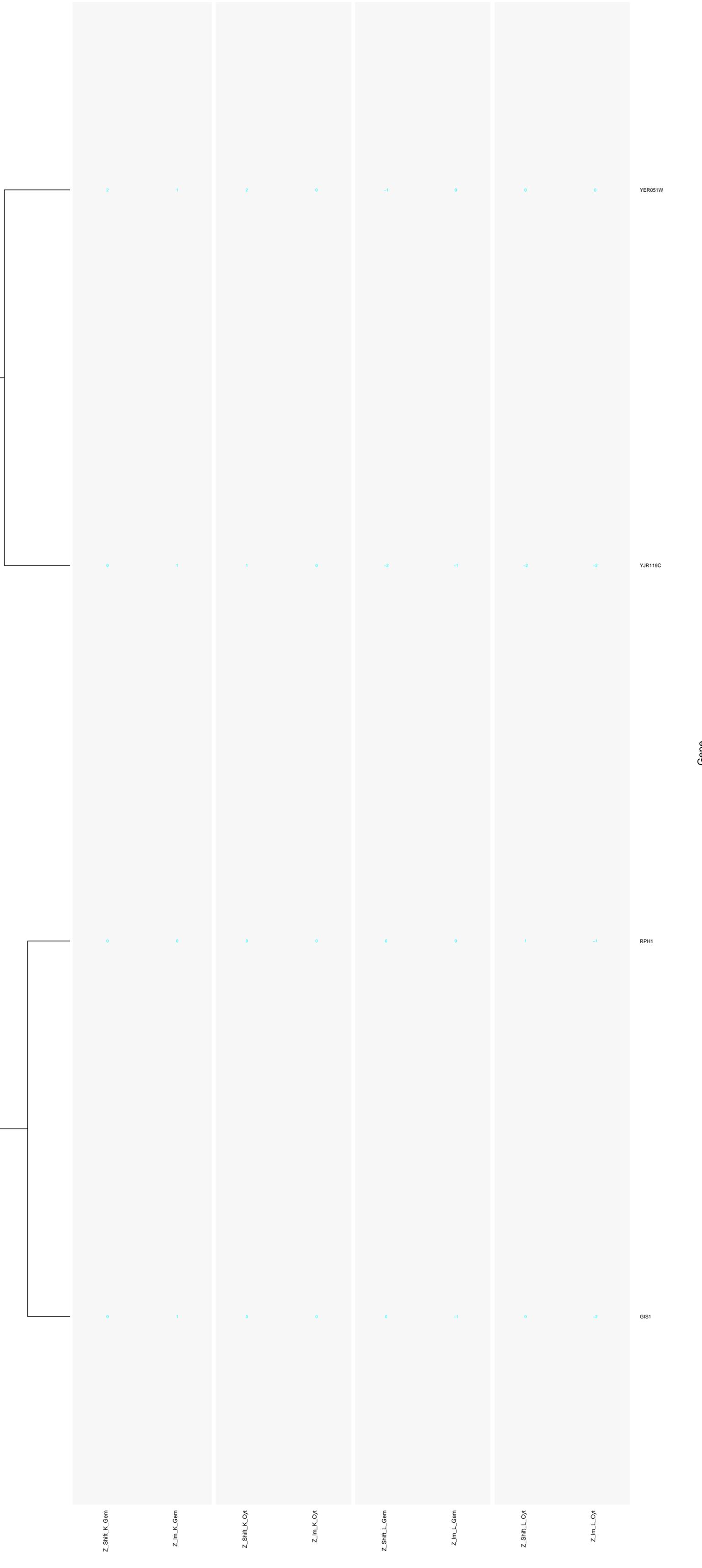
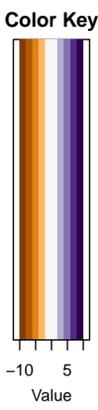
histone ubiquitination



histone deacetylation

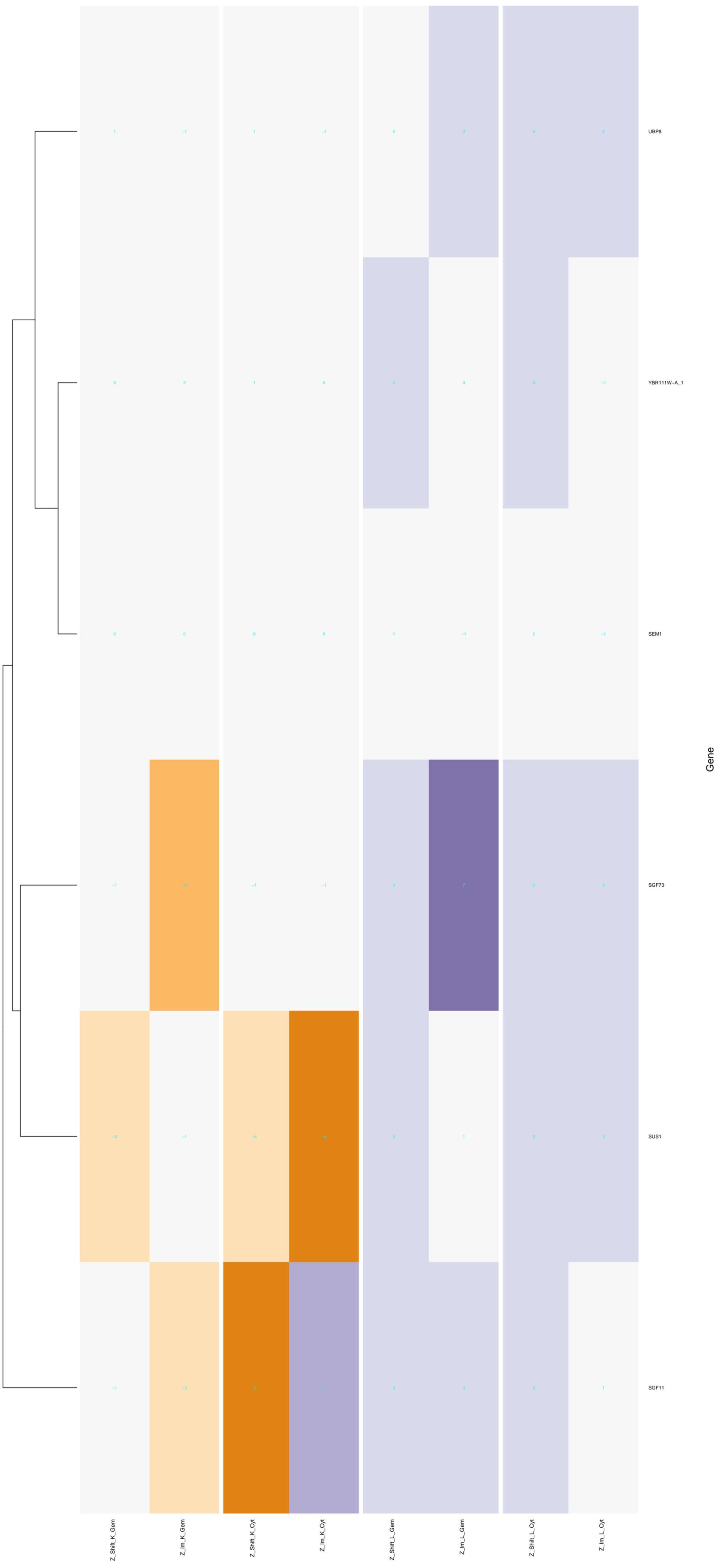
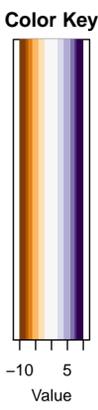


histone demethylation

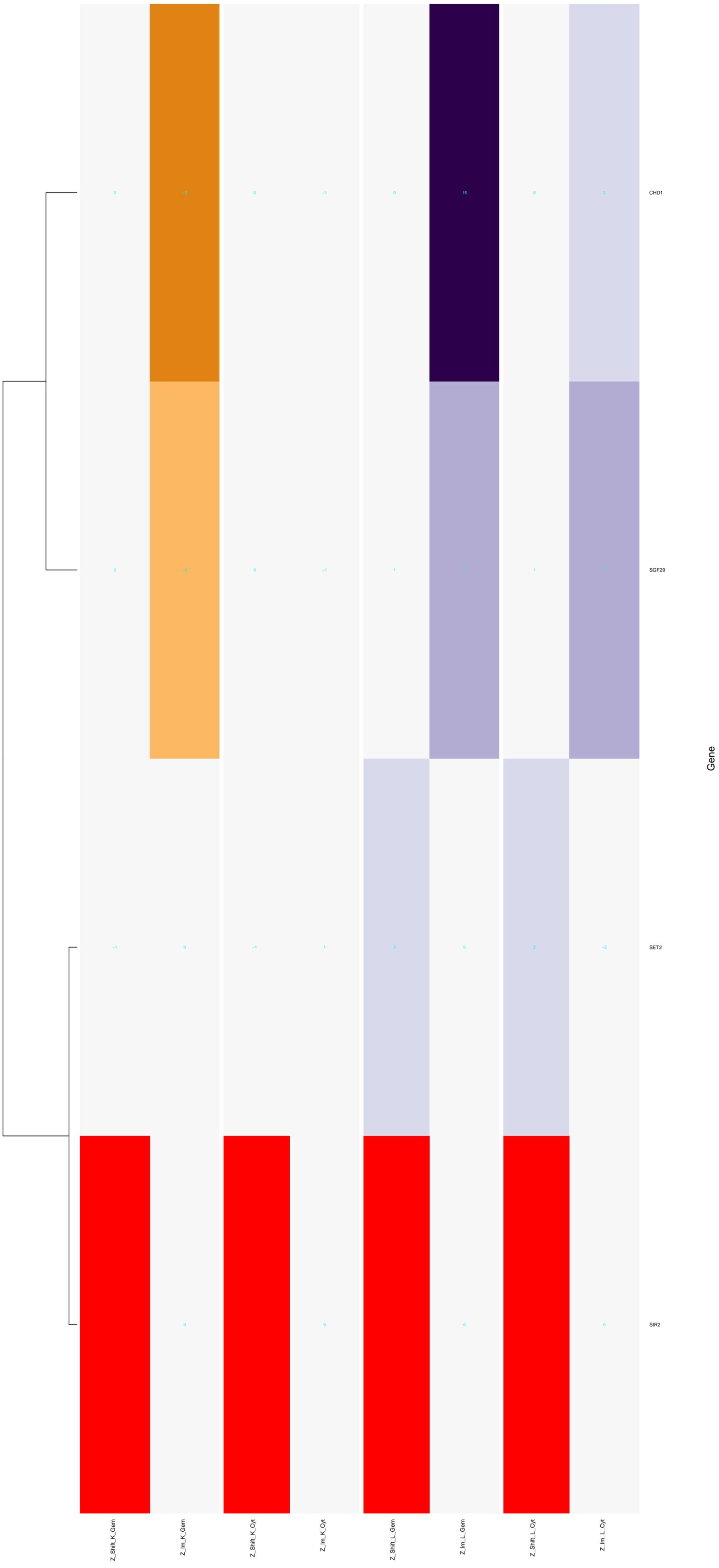


Gene

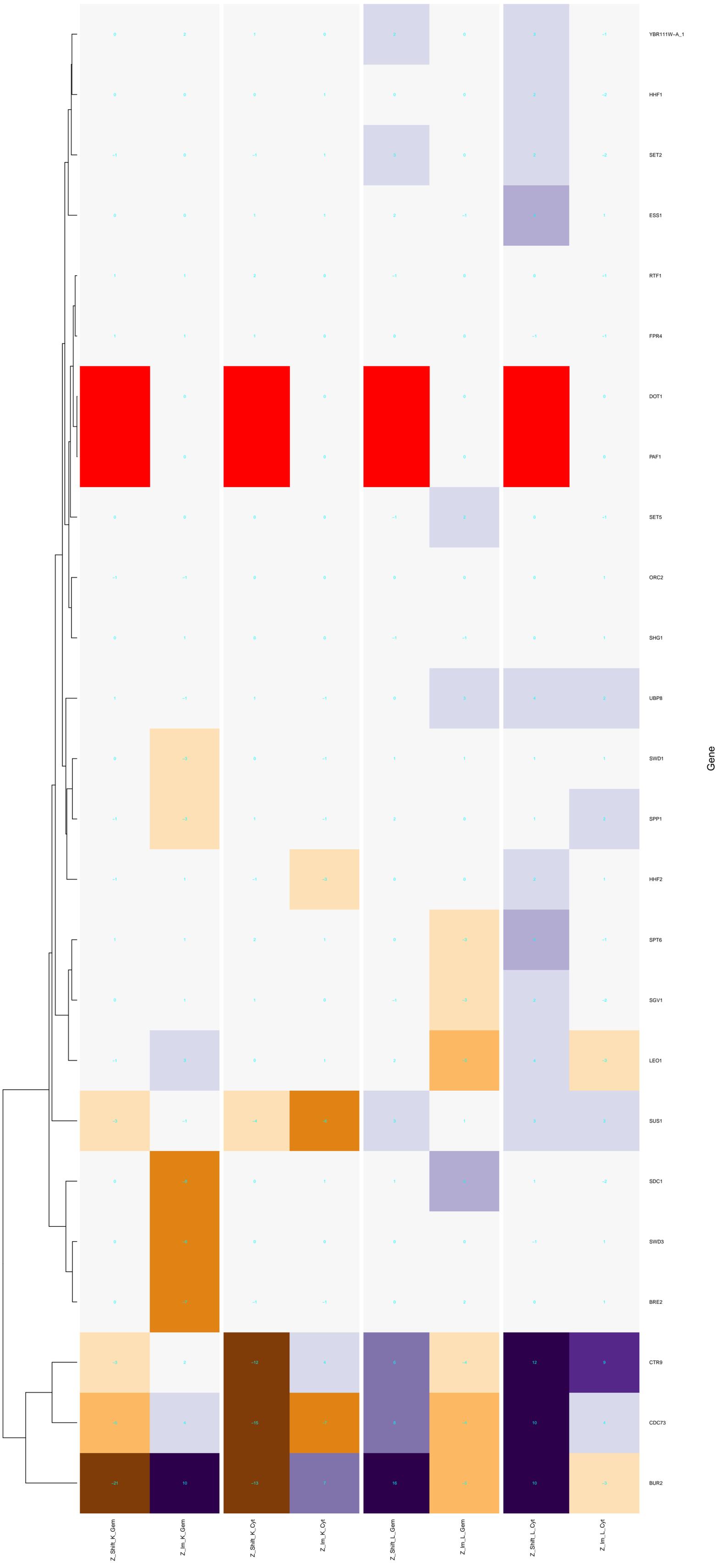
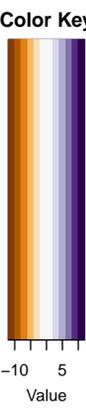
histone deubiquitination



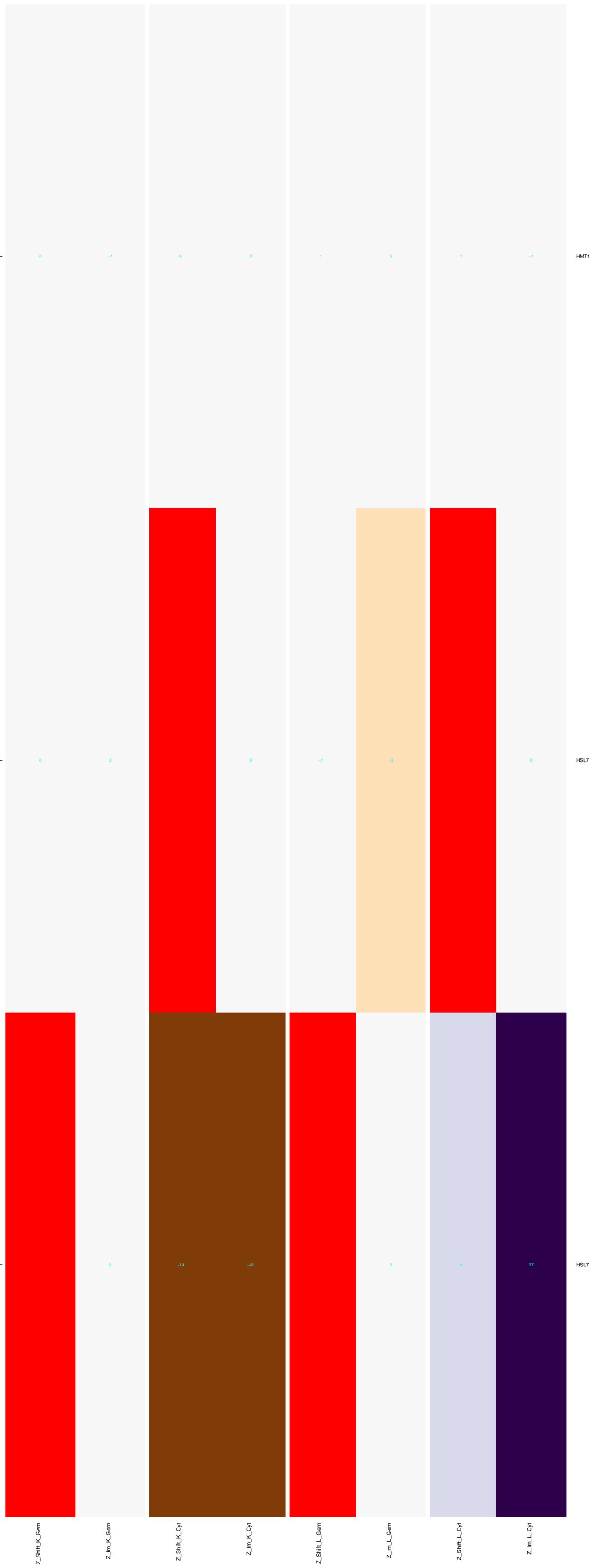
histone H3-K9 modification



histone lysine methylation

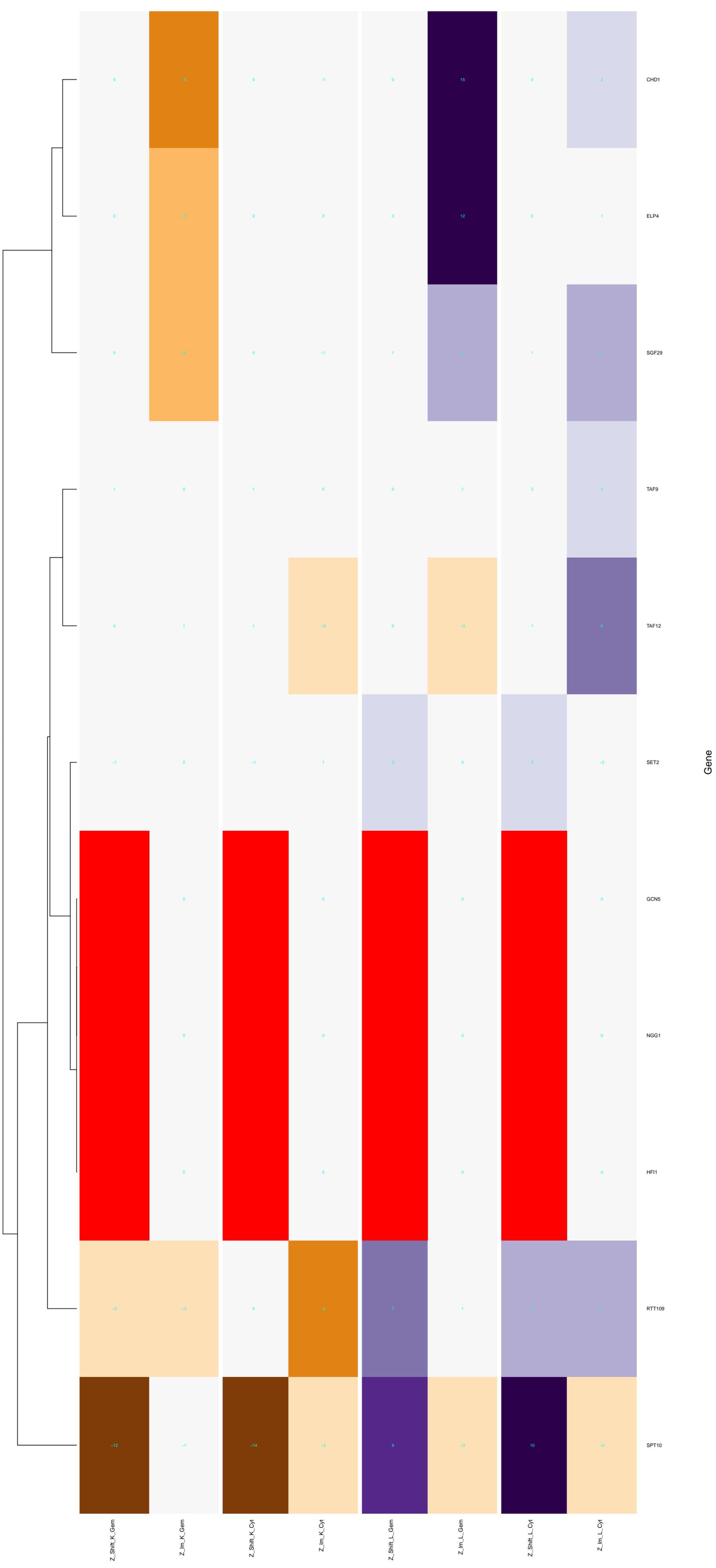
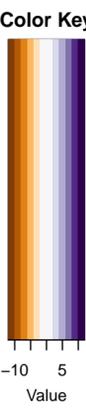


histone arginine methylation



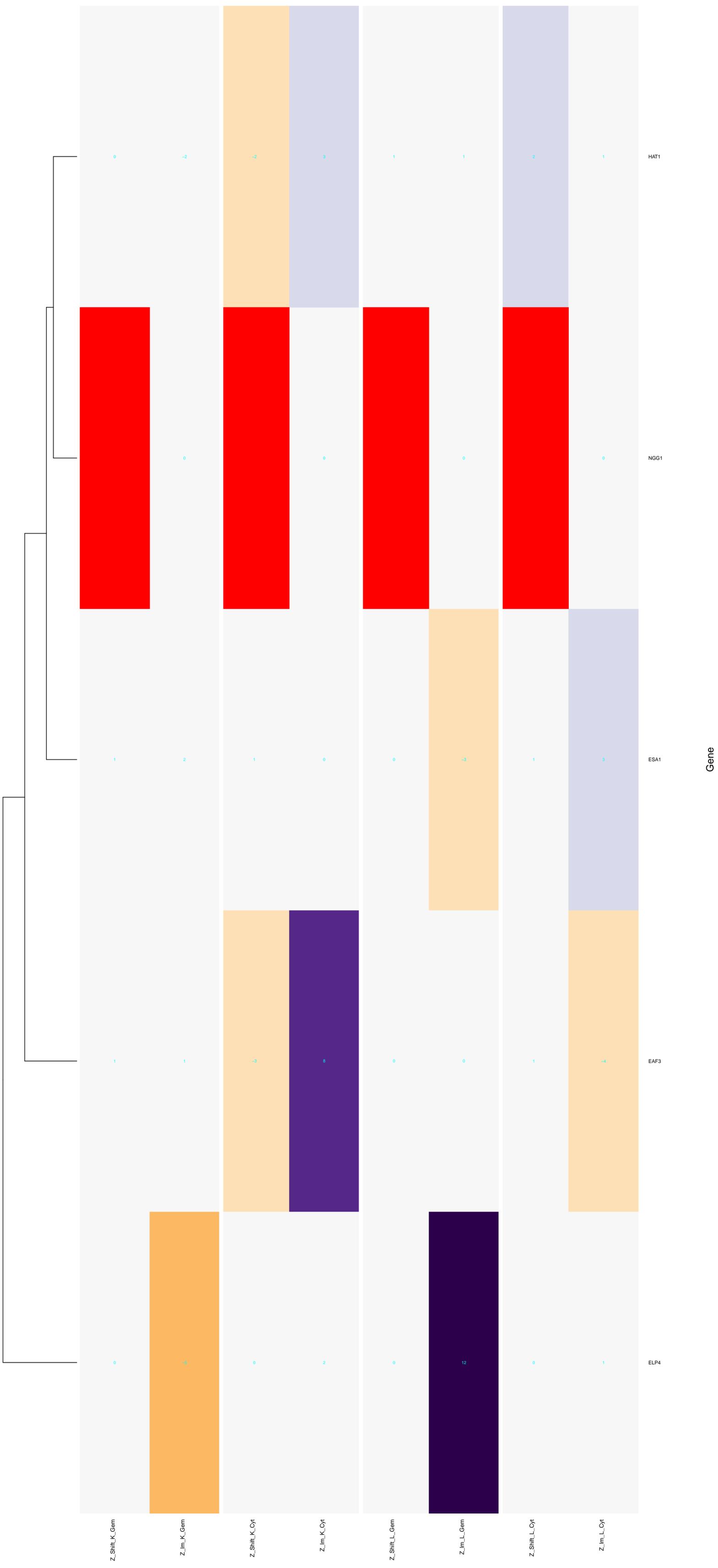
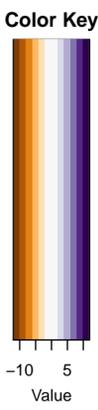
Gene

histone H3 acetylation

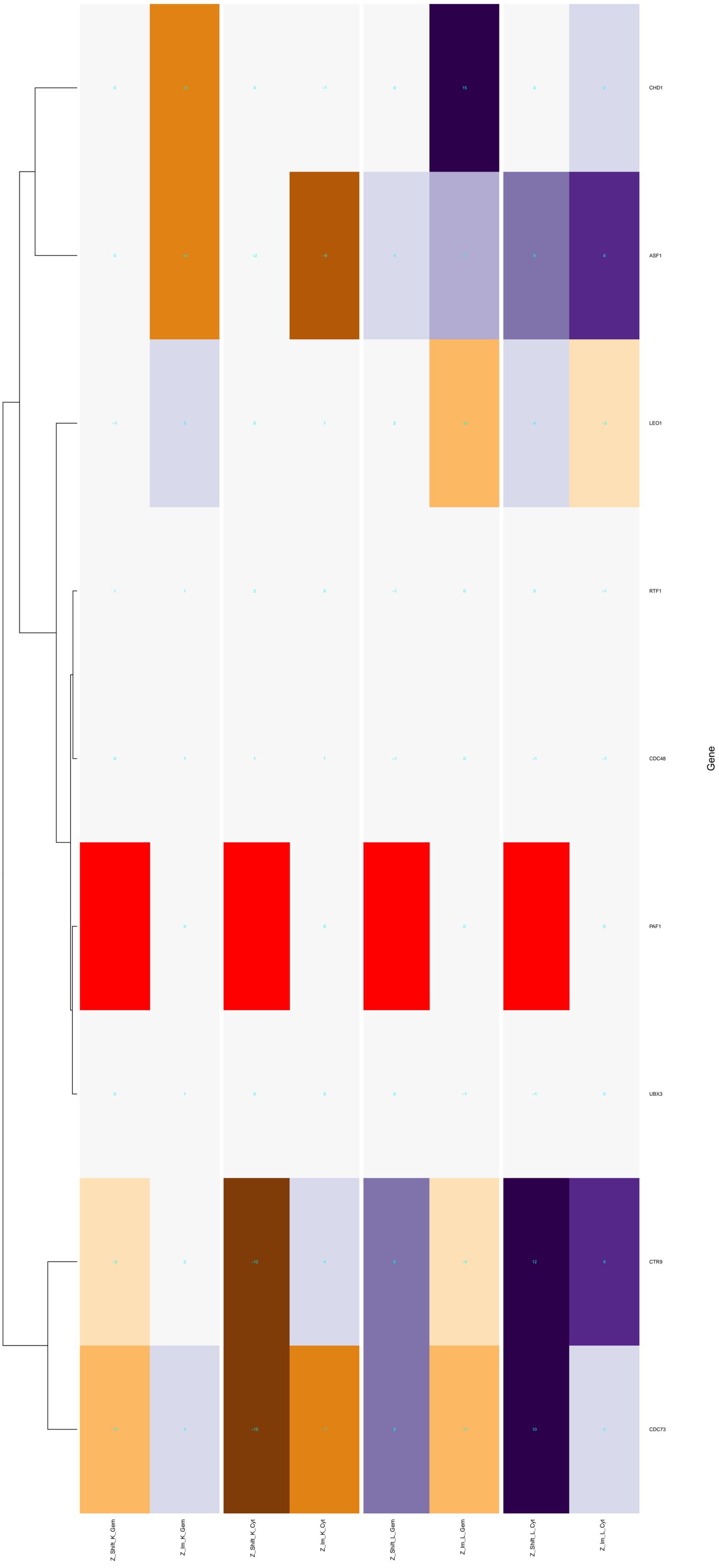


Gene

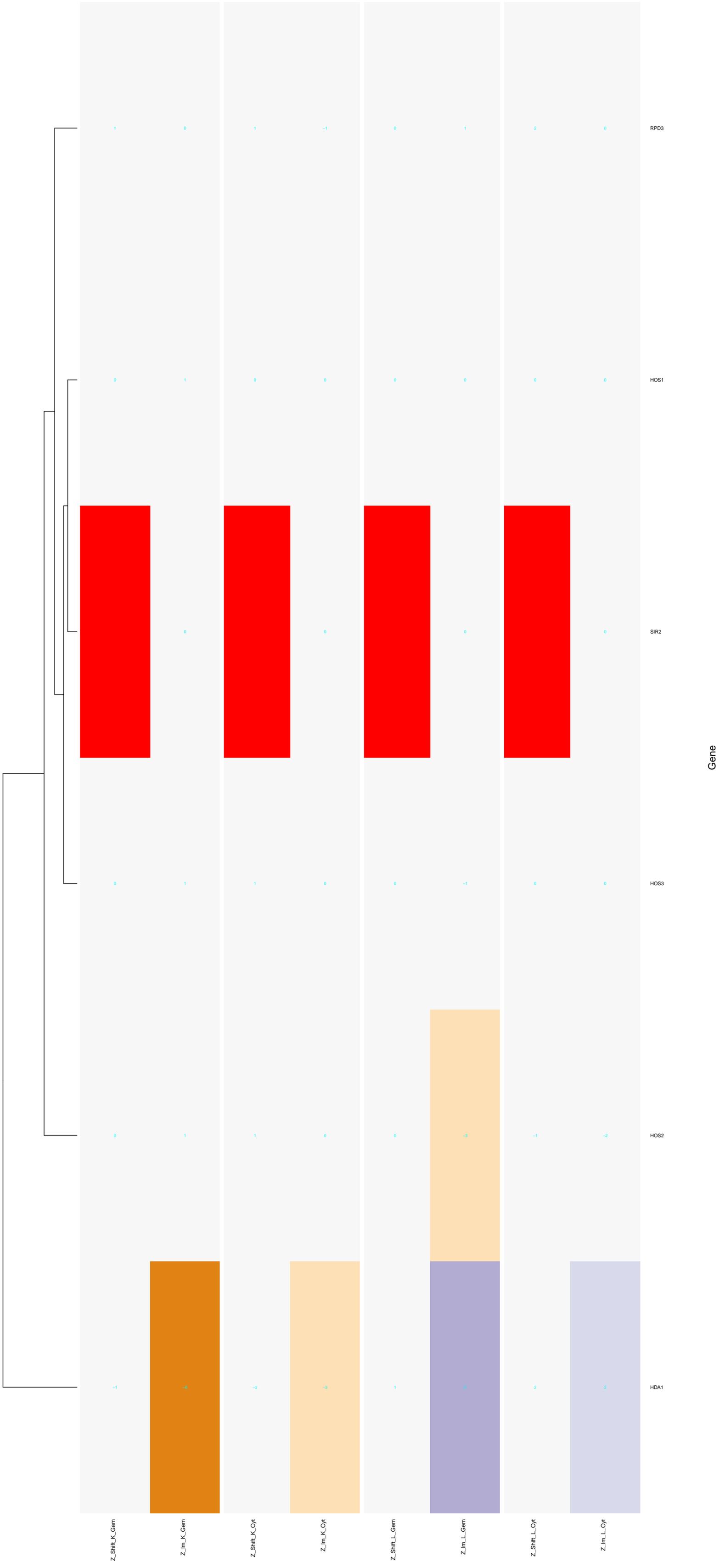
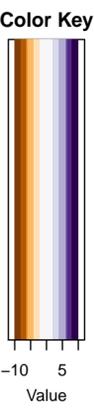
histone H4 acetylation



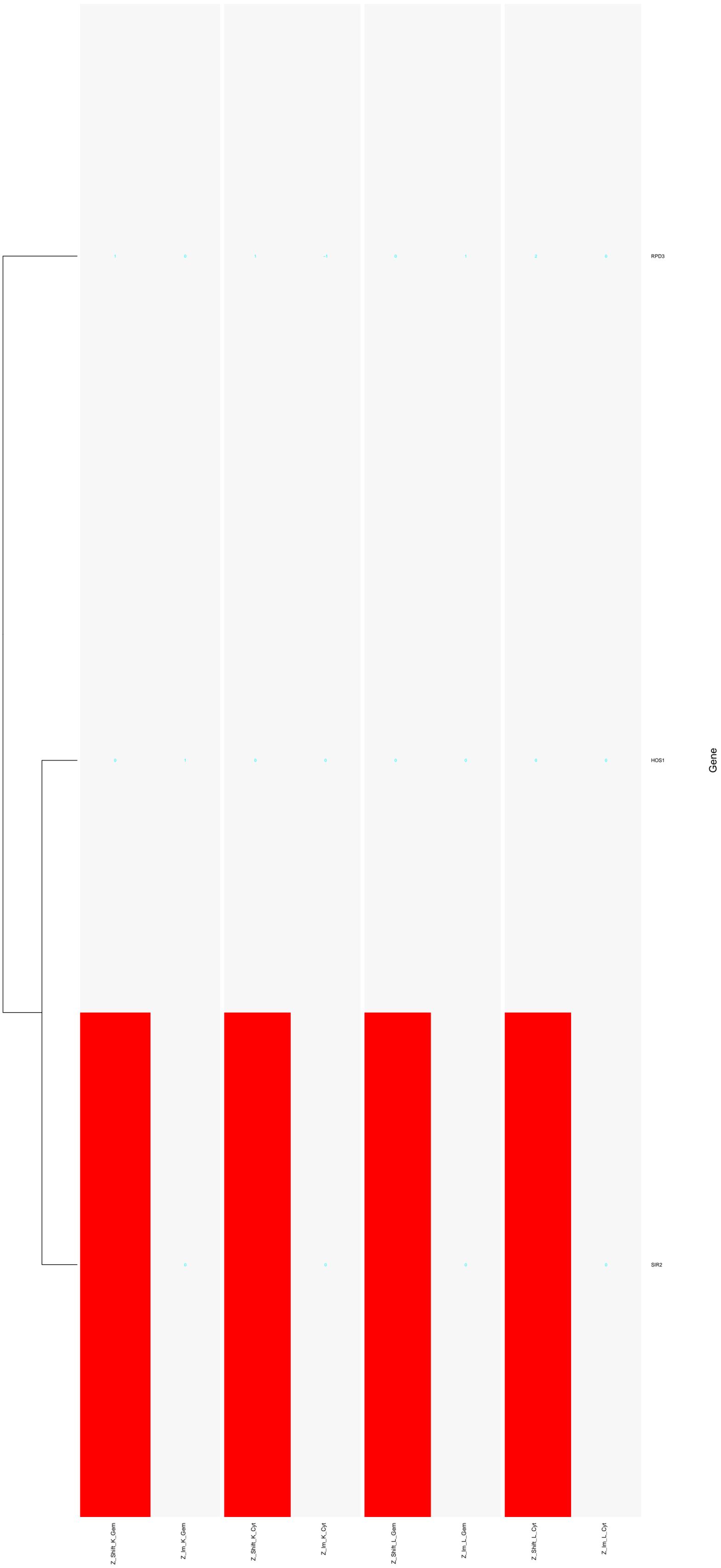
histone H2B ubiquitination



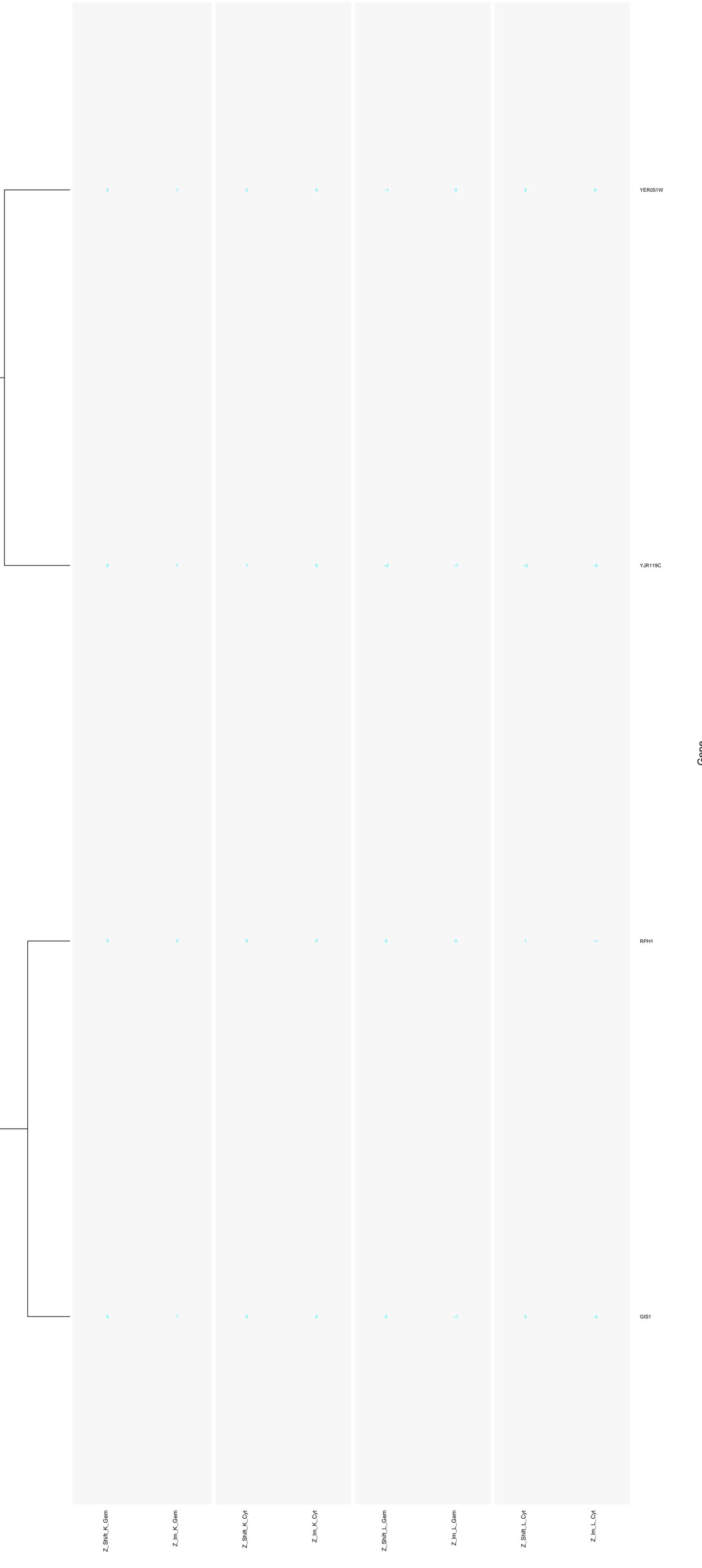
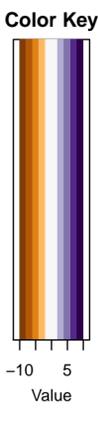
histone H3 deacetylation



histone H4 deacetylation

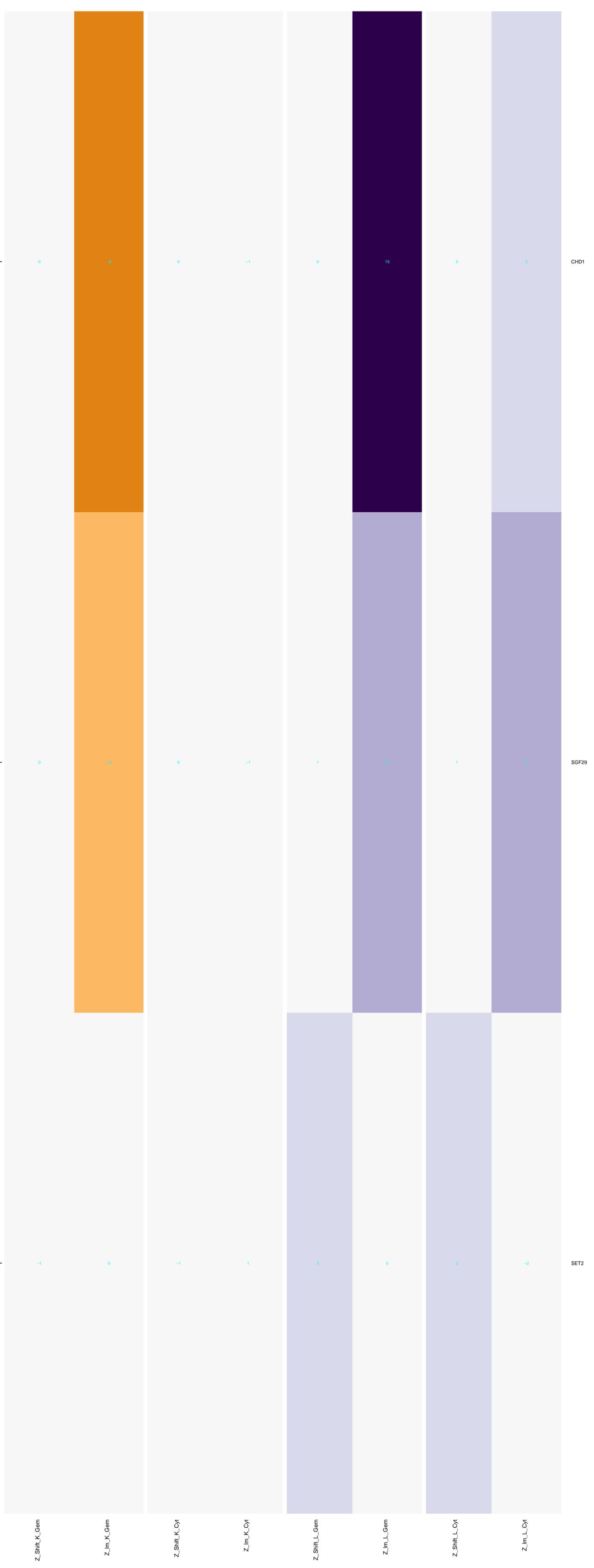
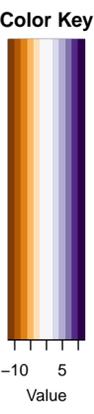


histone lysine demethylation



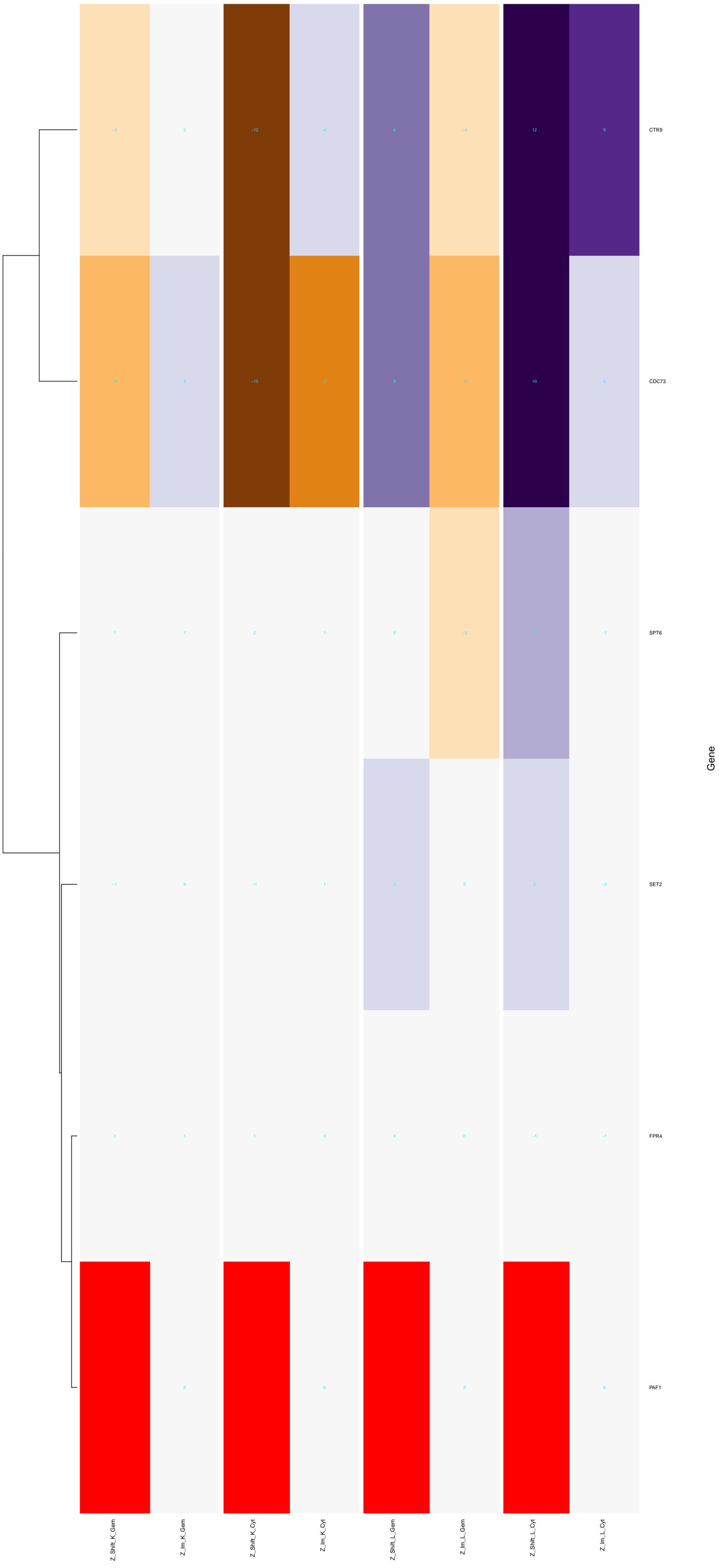
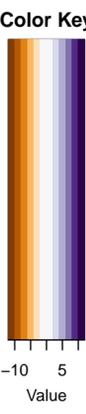
Gene

histone H3-K9 acetylation

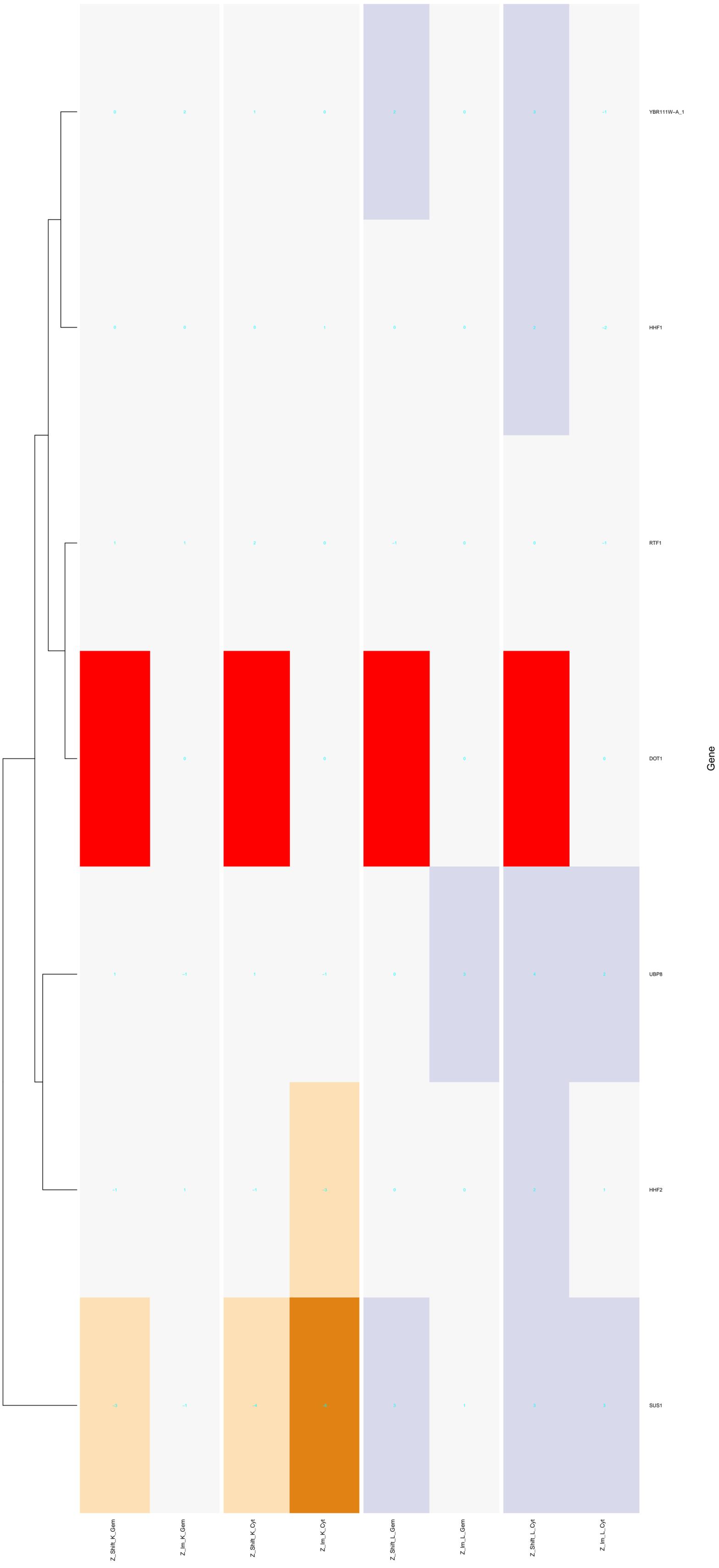
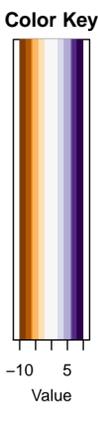


Gene

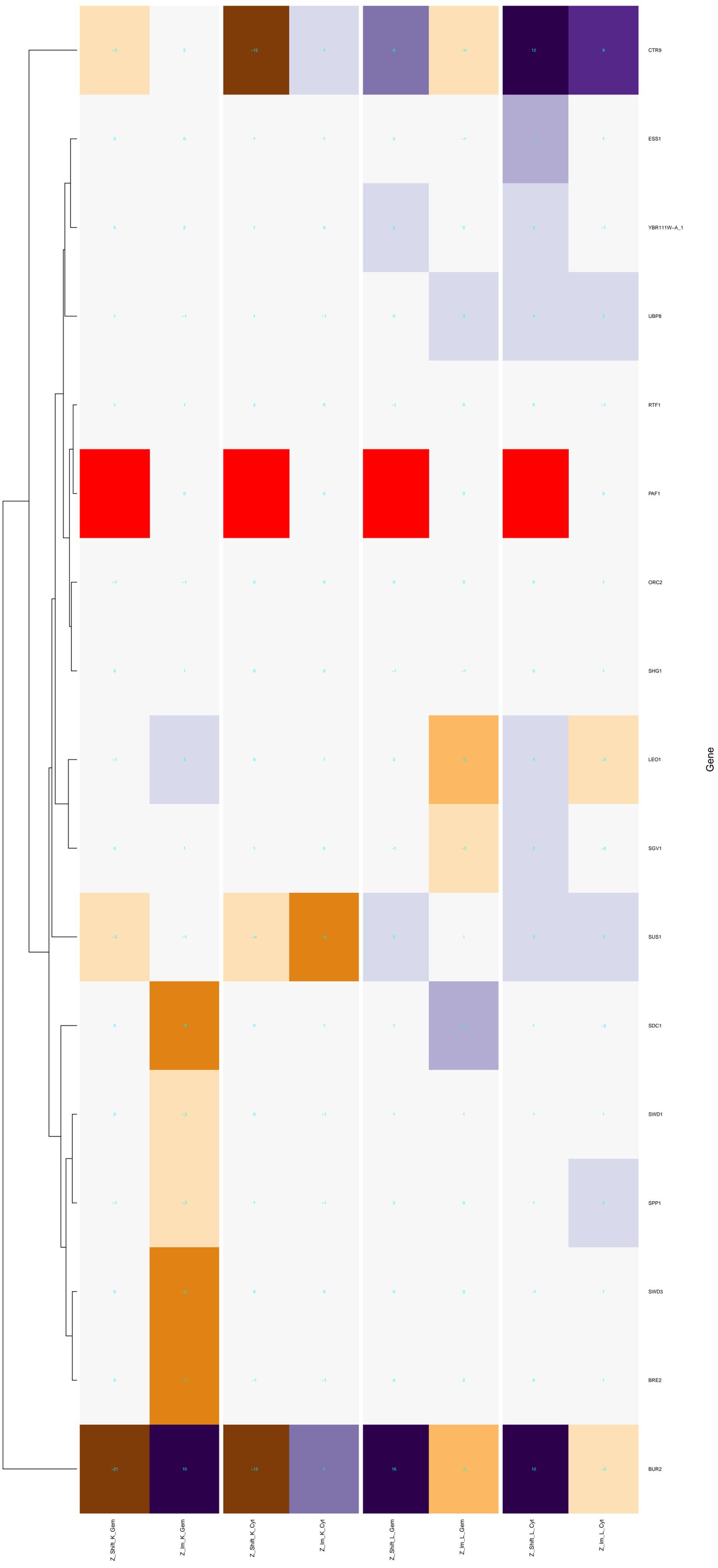
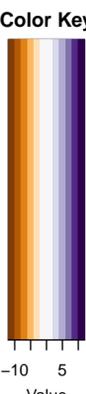
histone H3-K36 methylation



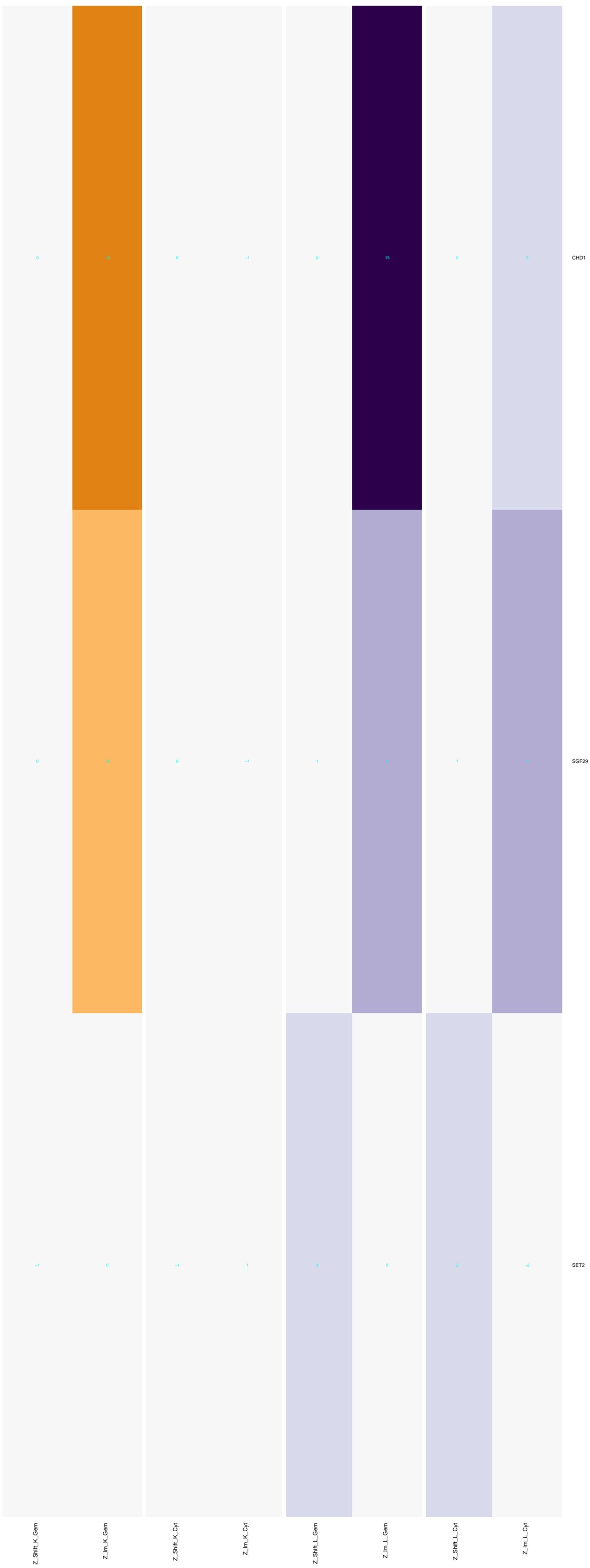
histone H3-K79 methylation



histone H3-K4 methylation

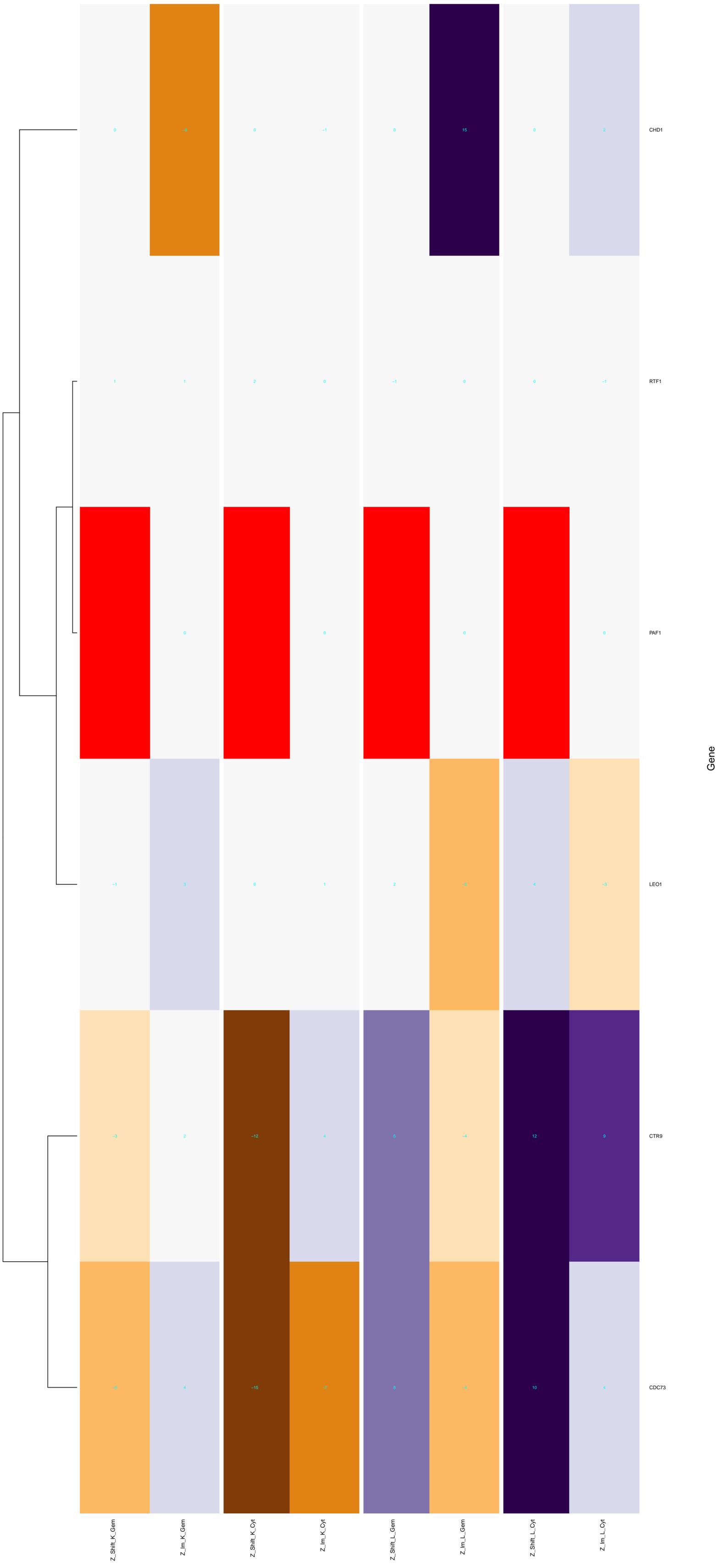
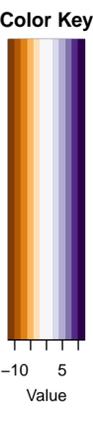


histone H3-K14 acetylation

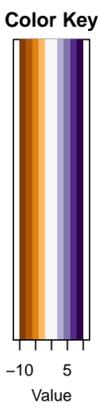


Gene

histone H2B conserved C-terminal lysine ubiquitination

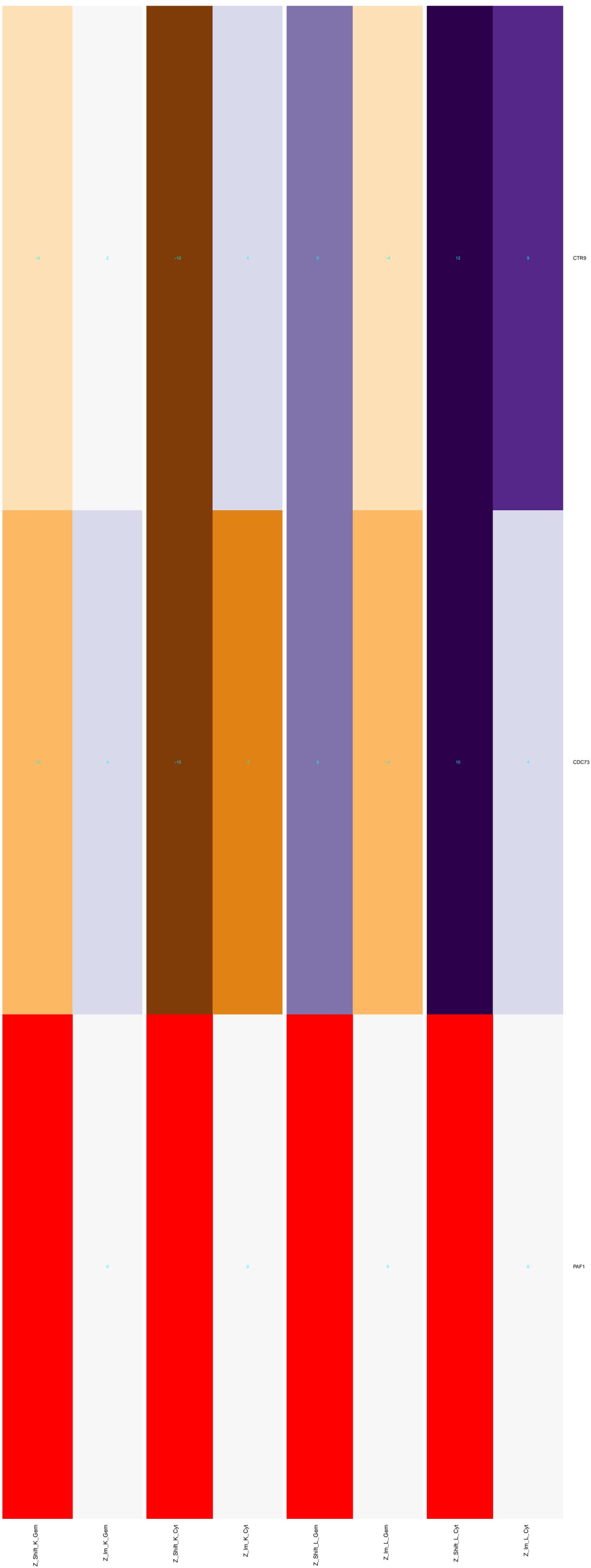


histone H3-K36 demethylation



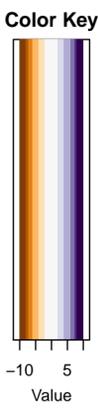
Gene

histone H3-K36 trimethylation



Gene

histone H3-K4 trimethylation



Gene