Meeting Notes 28.05

Figure Plan & Decisions

Fig. 1

* Summary of the study
* Include R package

Fig. 2

* Only Met vs. JSD
* Western vs Eastern europe

Fig. 3 – Methylation Category Distribution

* Stacked barplot showing proportions of LMC, HMC, MSC, MMC
* No chr 2, chr4
* Chromosome-level data for Supplementary

Fig. 4 – TEs

* Main figure will show results for genes and TEs only
* Others for Supplementary (other regions)

Fig. 5 – Subgroup

* Subgroup for each genomic region

Fig. 6 – TE Classes

* Split TEs into 2 groups (CMT2, RdDM)

Fig. 8 – GO Enrichment

* Compare enrichment between gene bodies and TE regions
* differences across temperatures

Fig. 9 – R Package

* R package introduction
* key functionalities, input/output, example visualization etc.

Action Items

* Prepare the schematic summary for Fig. 1
* Finalize the stacked barplot for Fig. 3
* Identify and confirm TE superfamily classes for Fig. 6
* Prepare an overview of the R package (structure, key functions)
* Create a visual demo (screenshots/plots) for the R package for Fig. 9