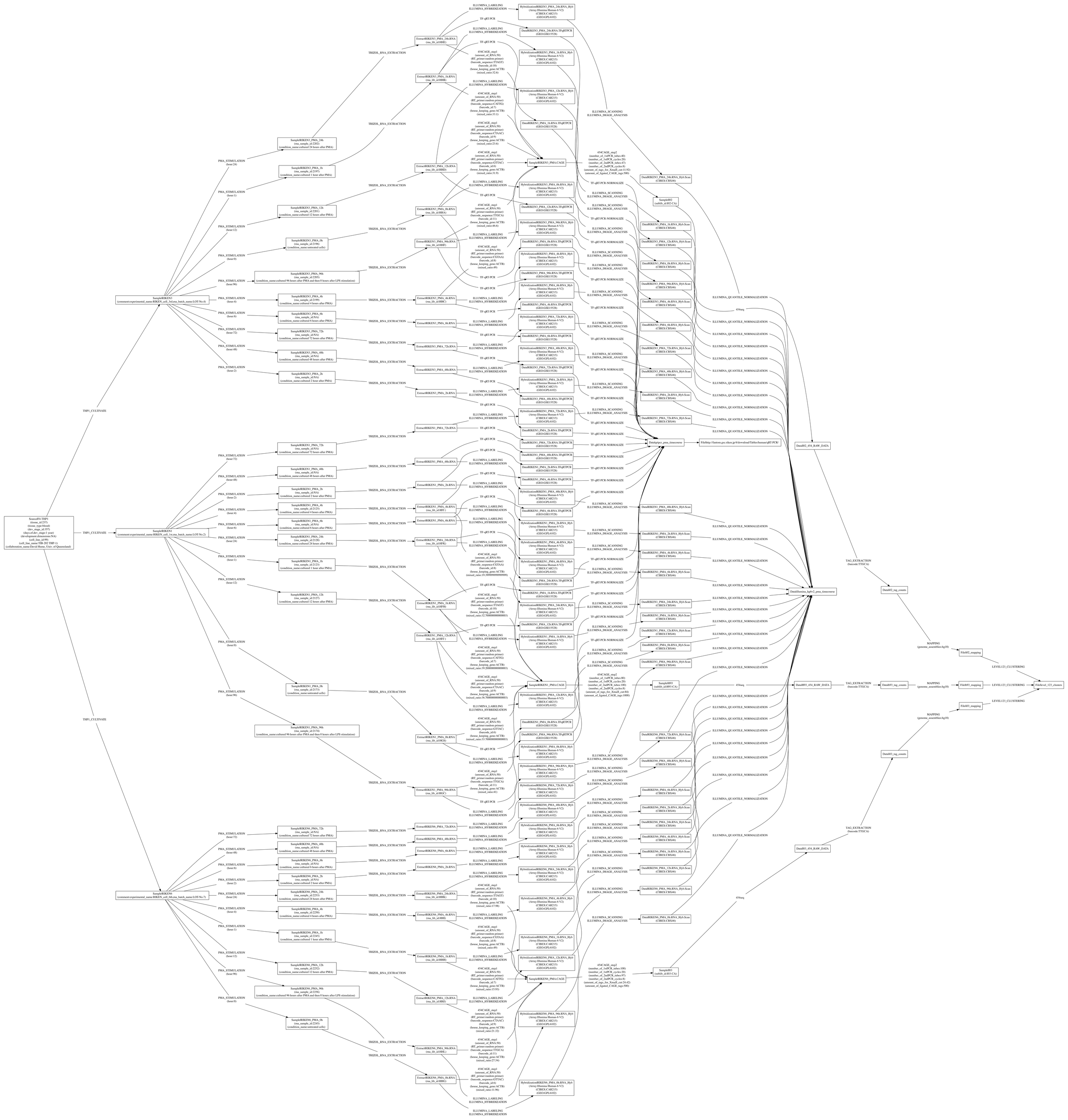
Source(F4-THP1
(tissue_id:237)
(tissue_type:blood)
(dev_stage_id:357)
(days.of.dev_stage:1 year)
(development.dimensions:NA)
(cell_line_id:99)
(cell_line_name:THP-202 THP-1)
(collaboration_name:David Hume, Univ. of Queensland)
THP1_CULTIVATE
THP1_CULTIVATE
SampleRIKEN3
(comment:experimental_name:RIKEN_cell_3rd,rna_batch_name:LOT-No.4)
SampleRIKEN1
(comment:experimental_name:RIKEN_cell_1st,rna_batch_name:LOT-No.2)
SampleRIKEN6
(comment:experimental_name:RIKEN_cell_6th,rna_batch_name:LOT-No.7)
PMA_STIMULATION (hour:24)
PMA_STIMULATION (hour:1)
PMA_STIMULATION (hour:12)
PMA_STIMULATION (hour:0)
PMA_STIMULATION (hour:96)
PMA_STIMULATION (hour:4)
PMA_STIMULATION (hour:6)
PMA_STIMULATION (hour:72)
PMA_STIMULATION (hour:48)
PMA_STIMULATION (hour:2)
SampleRIKEN3_PMA_24h
(rna_sample_id:2202)
(condition_name:cultured 24 hours after PMA)
SampleRIKEN3_PMA_1h
(rna_sample_id:2197)
(condition_name:cultured 1 hour after PMA)
SampleRIKEN3_PMA_12h
(rna_sample_id:2201)
(condition_name:cultured 12 hours after PMA)
SampleRIKEN3_PMA_0h
(rna_sample_id:2196)
(condition_name:untreated cells)
SampleRIKEN3_PMA_96h
(rna_sample_id:2205)
(condition_name:cultured 96 hours after PMA and then 0 hours after LPS stimulation)
SampleRIKEN3_PMA_4h
(rna_sample_id:2199)
(condition_name:cultured 4 hours after PMA)
SampleRIKEN3_PMA_6h
(rna_sample_id:NA)
(condition_name:cultured 6 hours after PMA)
SampleRIKEN3_PMA_72h
(rna_sample_id:NA)
(condition_name:cultured 72 hours after PMA)
SampleRIKEN3_PMA_48h
(rna_sample_id:NA)
(condition_name:cultured 48 hours after PMA)
SampleRIKEN3_PMA_2h
(rna_sample_id:NA)
(condition_name:cultured 2 hour after PMA)
SampleRIKEN1_PMA_72h
(rna_sample_id:NA)
(condition_name:cultured 72 hours after PMA)
SampleRIKEN1_PMA_48h
(rna_sample_id:NA)
(condition_name:cultured 48 hours after PMA)
SampleRIKEN1_PMA_2h
(rna_sample_id:NA)
(condition_name:cultured 2 hour after PMA)
SampleRIKEN1_PMA_4h
(rna_sample_id:2125)
(condition_name:cultured 4 hours after PMA)
SampleRIKEN1_PMA_6h
(rna_sample_id:NA)
(condition_name:cultured 6 hours after PMA)
SampleRIKEN1_PMA_24h
(rna_sample_id:2128)
(condition_name:cultured 24 hours after PMA)
SampleRIKEN1_PMA_1h
(rna_sample_id:2123)
(condition_name:cultured 1 hour after PMA)
SampleRIKEN1_PMA_12h
(rna_sample_id:2127)
(condition_name:cultured 12 hours after PMA)
SampleRIKEN1_PMA_0h
(rna_sample_id:2173)
(condition_name:untreated cells)
SampleRIKEN1_PMA_96h
(rna_sample_id:2174)
(condition_name:cultured 96 hours after PMA and then 0 hours after LPS stimulation)
SampleRIKEN6_PMA_72h
(rna_sample_id:NA)
(condition_name:cultured 72 hours after PMA)
SampleRIKEN6_PMA_48h
(rna_sample_id:NA)
(condition_name:cultured 48 hours after PMA)
SampleRIKEN6_PMA_6h
(rna_sample_id:NA)
(condition_name:cultured 6 hours after PMA)
SampleRIKEN6_PMA_2h
(rna_sample_id:NA)
(condition_name:cultured 2 hour after PMA)
SampleRIKEN6_PMA_24h
(rna_sample_id:2253)
(condition_name:cultured 24 hours after PMA)
SampleRIKEN6_PMA_4h
(rna_sample_id:2250)
(condition_name:cultured 4 hours after PMA)
SampleRIKEN6_PMA_1h
(rna_sample_id:2245)
(condition_name:cultured 1 hour after PMA)
SampleRIKEN6_PMA_12h
(rna_sample_id:2252)
(condition_name:cultured 12 hours after PMA)
SampleRIKEN6_PMA_96h
(rna_sample_id:2256)
(condition_name:cultured 96 hours after PMA and then 0 hours after LPS stimulation)
SampleRIKEN6_PMA_0h
(rna_sample_id:2245)
(condition_name:untreated cells)
TRIZOL_RNA_EXTRACTION
ExtractRIKEN3_PMA_24h.RNA
(rna_lib_id:HHE)
ExtractRIKEN3_PMA_1h.RNA
(rna_lib_id:HHB)
ExtractRIKEN3_PMA_12h.RNA
(rna_lib_id:HHD)
ExtractRIKEN3_PMA_0h.RNA
(rna_lib_id:HHA)
ExtractRIKEN3_PMA_96h.RNA
(rna_lib_id:HHF)
ExtractRIKEN3_PMA_4h.RNA
(rna_lib_id:HHC)
ExtractRIKEN3_PMA_6h.RNA
ExtractRIKEN3_PMA_72h.RNA
ExtractRIKEN3_PMA_48h.RNA
ExtractRIKEN3_PMA_2h.RNA
ExtractRIKEN1_PMA_72h.RNA
ExtractRIKEN1_PMA_48h.RNA
ExtractRIKEN1_PMA_2h.RNA
ExtractRIKEN1_PMA_4h.RNA
(rna_lib_id:HFI)
ExtractRIKEN1_PMA_6h.RNA
ExtractRIKEN1_PMA_24h.RNA
(rna_lib_id:HFK)
ExtractRIKEN1_PMA_1h.RNA
(rna_lib_id:HFH)
ExtractRIKEN1_PMA_12h.RNA
(rna_lib_id:HFJ)
ExtractRIKEN1_PMA_0h.RNA
(rna_lib_id:HGS)
ExtractRIKEN1_PMA_96h.RNA
(rna_lib_id:HGC)
ExtractRIKEN6_PMA_72h.RNA
ExtractRIKEN6_PMA_48h.RNA
ExtractRIKEN6_PMA_6h.RNA
ExtractRIKEN6_PMA_2h.RNA
ExtractRIKEN6_PMA_24h.RNA
(rna_lib_id:HHK)
ExtractRIKEN6_PMA_4h.RNA
(rna_lib_id:HHI)
ExtractRIKEN6_PMA_1h.RNA
(rna_lib_id:HHH)
ExtractRIKEN6_PMA_12h.RNA
(rna_lib_id:HHJ)
ExtractRIKEN6_PMA_96h.RNA
(rna_lib_id:HHL)
ExtractRIKEN6_PMA_0h.RNA
(rna_lib_id:HHG)
ILLUMINA_LABELING
ILLUMINA_HYBRIDIZATION
454CAGE_step1
(amount_of_RNA:50)
(RT_primer:random primer)
(barcode_sequence:TTAGT)
(barcode_id:10)
(house_keeping_gene:ACTB)
(mixed_ratio:32.6)
454CAGE_step1
(amount_of_RNA:50)
(RT_primer:random primer)
(barcode_sequence:CATTG)
(barcode_id:7)
(house_keeping_gene:ACTB)
(mixed_ratio:33.1)
454CAGE_step1
(amount_of_RNA:50)
(RT_primer:random primer)
(barcode_sequence:CTAAC)
(barcode_id:9)
(house_keeping_gene:ACTB)
(mixed_ratio:23.6)
454CAGE_step1
(amount_of_RNA:50)
(RT_primer:random primer)
(barcode_sequence:GTTAC)
(barcode_id:6)
(house_keeping_gene:ACTB)
(mixed_ratio:31.9)
454CAGE_step1
(amount_of_RNA:50)
(RT_primer:random primer)
(barcode_sequence:TTGCA)
(barcode_id:11)
(house_keeping_gene:ACTB)
(mixed_ratio:46.6)
454CAGE_step1
(amount_of_RNA:50)
(RT_primer:random primer)
(barcode_sequence:CGTAA)
(barcode_id:8)
(house_keeping_gene:ACTB)
(mixed_ratio:49)
454CAGE_step1
(amount_of_RNA:50)
(RT_primer:random primer)
(barcode_sequence:CGTAA)
(barcode_id:8)
(house_keeping_gene:ACTB)
(mixed_ratio:19.3999999999999999)
454CAGE_step1
(amount_of_RNA:50)
(RT_primer:random primer)
(barcode_sequence:TTAGT)
(barcode_id:10)
(house_keeping_gene:ACTB)
(mixed_ratio:32.7000000000000003)
454CAGE_step1
(amount_of_RNA:50)
(RT_primer:random primer)
(barcode_sequence:CATTG)
(barcode_id:7)
(house_keeping_gene:ACTB)
(mixed_ratio:39.2000000000000003)
454CAGE_step1
(amount_of_RNA:50)
(RT_primer:random primer)
(barcode_sequence:CTAAC)
(barcode_id:9)
(house_keeping_gene:ACTB)
(mixed_ratio:36.7000000000000003)
454CAGE_step1
(amount_of_RNA:50)
(RT_primer:random primer)
(barcode_sequence:GTTAC)
(barcode_id:6)
(house_keeping_gene:ACTB)
(mixed_ratio:33.7000000000000003)
454CAGE_step1
(amount_of_RNA:50)
(RT_primer:random primer)
(barcode_sequence:TTGCA)
(barcode_id:11)
(house_keeping_gene:ACTB)
(mixed_ratio:41)
454CAGE_step1
(amount_of_RNA:50)
(RT_primer:random primer)
(barcode_sequence:TTAGT)
(barcode_id:10)
(house_keeping_gene:ACTB)
(mixed_ratio:17.98)
454CAGE_step1
(amount_of_RNA:50)
(RT_primer:random primer)
(barcode_sequence:CGTAA)
(barcode_id:8)
(house_keeping_gene:ACTB)
(mixed_ratio:49)
454CAGE_step1
(amount_of_RNA:50)
(RT_primer:random primer)
(barcode_sequence:CATTG)
(barcode_id:7)
(house_keeping_gene:ACTB)
(mixed_ratio:15.93)
454CAGE_step1
(amount_of_RNA:50)
(RT_primer:random primer)
(barcode_sequence:CTAAC)
(barcode_id:9)
(house_keeping_gene:ACTB)
(mixed_ratio:21.32)
454CAGE_step1
(amount_of_RNA:50)
(RT_primer:random primer)
(barcode_sequence:TTGCA)
(barcode_id:11)
(house_keeping_gene:ACTB)
(mixed_ratio:27.54)
454CAGE_step1
(amount_of_RNA:50)
(RT_primer:random primer)
(barcode_sequence:GTTAC)
(barcode_id:6)
(house_keeping_gene:ACTB)
(mixed_ratio:11.96)
TF-qRT-PCR
HybridizationRIKEN3_PMA_24h.RNA_Hyb
(Array:Illumina Human-6 V2)
(CIBEX:CAR215)
(GEO:GPL6102)
DataRIKEN3_PMA_24h.RNA.TFqRTPCR
(GEO:GSE15528)
HybridizationRIKEN3_PMA_1h.RNA_Hyb
HybridizationRIKEN3_PMA_12h.RNA_Hyb
DataRIKEN3_PMA_1h.RNA.TFqRTPCR
SampleRIKEN3_PMA.CAGE
HybridizationRIKEN3_PMA_0h.RNA_Hyb
DataRIKEN3_PMA_12h.RNA.TFqRTPCR
HybridizationRIKEN3_PMA_96h.RNA_Hyb
DataRIKEN3_PMA_0h.RNA.TFqRTPCR
HybridizationRIKEN3_PMA_4h.RNA_Hyb
DataRIKEN3_PMA_96h.RNA.TFqRTPCR
HybridizationRIKEN3_PMA_6h.RNA_Hyb
DataRIKEN3_PMA_4h.RNA.TFqRTPCR
HybridizationRIKEN3_PMA_72h.RNA_Hyb
DataRIKEN3_PMA_6h.RNA.TFqRTPCR
HybridizationRIKEN3_PMA_48h.RNA_Hyb
DataRIKEN3_PMA_72h.RNA.TFqRTPCR
HybridizationRIKEN3_PMA_2h.RNA_Hyb
DataRIKEN3_PMA_48h.RNA.TFqRTPCR
HybridizationRIKEN1_PMA_72h.RNA_Hyb
DataRIKEN1_PMA_72h.RNA.TFqRTPCR
DataRIKEN1_PMA_48h.RNA.TFqRTPCR
DataRIKEN1_PMA_2h.RNA.TFqRTPCR
DataRIKEN1_PMA_4h.RNA.TFqRTPCR
HybridizationRIKEN1_PMA_48h.RNA_Hyb
DataRIKEN1_PMA_6h.RNA.TFqRTPCR
HybridizationRIKEN1_PMA_2h.RNA_Hyb
HybridizationRIKEN1_PMA_4h.RNA_Hyb
HybridizationRIKEN1_PMA_6h.RNA_Hyb
DataRIKEN1_PMA_24h.RNA.TFqRTPCR
DataRIKEN1_PMA_1h.RNA.TFqRTPCR
HybridizationRIKEN1_PMA_24h.RNA_Hyb
DataRIKEN1_PMA_12h.RNA.TFqRTPCR
HybridizationRIKEN1_PMA_1h.RNA_Hyb
DataRIKEN1_PMA_0h.RNA.TFqRTPCR
DataRIKEN1_PMA_96h.RNA.TFqRTPCR
HybridizationRIKEN1_PMA_0h.RNA_Hyb
HybridizationRIKEN1_PMA_96h.RNA_Hyb
HybridizationRIKEN6_PMA_72h.RNA_Hyb
HybridizationRIKEN6_PMA_48h.RNA_Hyb
HybridizationRIKEN6_PMA_6h.RNA_Hyb
HybridizationRIKEN6_PMA_2h.RNA_Hyb
HybridizationRIKEN6_PMA_24h.RNA_Hyb
HybridizationRIKEN6_PMA_4h.RNA_Hyb
HybridizationRIKEN6_PMA_1h.RNA_Hyb
HybridizationRIKEN6_PMA_12h.RNA_Hyb
HybridizationRIKEN6_PMA_96h.RNA_Hyb
HybridizationRIKEN6_PMA_0h.RNA_Hyb
ILLUMINA_SCANNING
ILLUMINA_IMAGE_ANALYSIS
454CAGE_step2
(number_of_1stPCR_tubes:40)
(number_of_1stPCR_cycles:20)
(number_of_2ndPCR_tubes:47)
(number_of_2ndPCR_cycles:8)
(amount_of_tags_for_XmaII_cut:11.92)
(amount_of_ligated_CAGE_tags:500)
454CAGE_step2
(number_of_1stPCR_tubes:80)
(number_of_1stPCR_cycles:20)
(number_of_2ndPCR_tubes:100)
(number_of_2ndPCR_cycles:8)
(amount_of_tags_for_XmaII_cut:84)
(amount_of_ligated_CAGE_tags:1000)
454CAGE_step2
(number_of_1stPCR_tubes:100)
(number_of_1stPCR_cycles:20)
(number_of_2ndPCR_cycles:97)
(number_of_2ndPCR_cycles:8)
(amount_of_tags_for_XmaII_cut:24.42)
(amount_of_ligated_CAGE_tags:500)
TF-qRT-PCR-NORMALIZE
DataRIKEN3_PMA_24h.RNA_Hyb:Scan
(CIBEX:CBX46)
DataRIKEN3_PMA_1h.RNA_Hyb:Scan
DataRIKEN3_PMA_12h.RNA_Hyb:Scan
DataRIKEN3_PMA_0h.RNA_Hyb:Scan
DataRIKEN3_PMA_96h.RNA_Hyb:Scan
DataRIKEN3_PMA_4h.RNA_Hyb:Scan
DataRIKEN3_PMA_6h.RNA_Hyb:Scan
DataRIKEN3_PMA_72h.RNA_Hyb:Scan
DataRIKEN3_PMA_48h.RNA_Hyb:Scan
DataRIKEN3_PMA_2h.RNA_Hyb:Scan
DataRIKEN1_PMA_72h.RNA_Hyb:Scan
DataRIKEN1_PMA_48h.RNA_Hyb:Scan
DataRIKEN1_PMA_2h.RNA_Hyb:Scan
DataRIKEN1_PMA_4h.RNA_Hyb:Scan
DataRIKEN1_PMA_6h.RNA_Hyb:Scan
DataRIKEN1_PMA_24h.RNA_Hyb:Scan
DataRIKEN1_PMA_1h.RNA_Hyb:Scan
DataRIKEN1_PMA_12h.RNA_Hyb:Scan
DataRIKEN1_PMA_0h.RNA_Hyb:Scan
DataRIKEN1_PMA_96h.RNA_Hyb:Scan
DataRIKEN6_PMA_72h.RNA_Hyb:Scan
DataRIKEN6_PMA_48h.RNA_Hyb:Scan
DataRIKEN6_PMA_6h.RNA_Hyb:Scan
DataRIKEN6_PMA_2h.RNA_Hyb:Scan
DataRIKEN6_PMA_24h.RNA_Hyb:Scan
DataRIKEN6_PMA_4h.RNA_Hyb:Scan
DataRIKEN6_PMA_1h.RNA_Hyb:Scan
DataRIKEN6_PMA_12h.RNA_Hyb:Scan
DataRIKEN6_PMA_96h.RNA_Hyb:Scan
DataRIKEN6_PMA_0h.RNA_Hyb:Scan
Sample(B02
(sublib_id:B02-CA)
Sample(B03
(sublib_id:B03-CA)
Sample(B93
(sublib_id:B93-CA)
ILLUMINA_QUANTILE_NORMALIZATION
454seq
DataIllumina_hg6v2_pma_timecourse
Datalqrtpcr_pma_timecourse
File(http://fantom.gsc.riken.jp/4/download/Tables/human/qRT-PCR/
DataI02_454_RAW_DATA
DataI03_454_RAW_DATA
DataI93_454_RAW_DATA
TAG_EXTRACTION
(barcode:TTGCA)
DataI02_tag_counts
DataI03_tag_counts
DataI93_tag_counts
MAPPING
(genome_assemblies:hg18)
File(I02_mapping
File(I03_mapping
File(I93_mapping
LEVEL123_CLUSTERING
File(level_123_clusters