

# Subchallenge 1 Report

*Joshua Burkhardt*

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## load libraries

```
library(knitr)
```

## download data

```
read_chunk("../data/Download.R")
```

```
## Warning in read_chunk("../data/Download.R"): code is empty
```

## calculate genesets

```
read_chunk("./per_study/PerStudyGeneSets.R")
```

```
## Warning in read_chunk("./per_study/PerStudyGeneSets.R"): code is empty
```

```
read_chunk("./per_subchallenge/PerSubchallengeGeneSets.R")
```

```
## Warning in read_chunk("./per_subchallenge/PerSubchallengeGeneSets.R"): code  
## is empty
```

```
read_chunk("./per_timepoint/PerTimepointGeneSets.R")
```

```
## Warning in read_chunk("./per_timepoint/PerTimepointGeneSets.R"): code is  
## empty
```

## generate heatmaps

```
read_chunk("./per_study/PerStudyHeatmap.R")
```

```
## Warning in read_chunk("./per_study/PerStudyHeatmap.R"): code is empty
```

```
read_chunk("./per_subchallenge/PerSubchallengeHeatmap.R")
```

```
## Warning in read_chunk("./per_subchallenge/PerSubchallengeHeatmap.R"): code  
## is empty
```

```
read_chunk("./per_timepoint/PerTimepointHeatmap.R")
```

```
## Warning in read_chunk("./per_timepoint/PerTimepointHeatmap.R"): code is  
## empty
```

## perform pathway analysis

```
read_chunk("./per_study/PerStudyPA.R")
```

```
## Warning in read_chunk("./per_study/PerStudyPA.R"): code is empty
```

```
read_chunk("./per_subchallenge/PerSubchallengePA.R")
```

```
## Warning in read_chunk("./per_subchallenge/PerSubchallengePA.R"): code is  
## empty
```

```
read_chunk("./per_timepoint/PerTimepointPA.R")
```

```
## Warning in read_chunk("./per_timepoint/PerTimepointPA.R"): code is empty
```