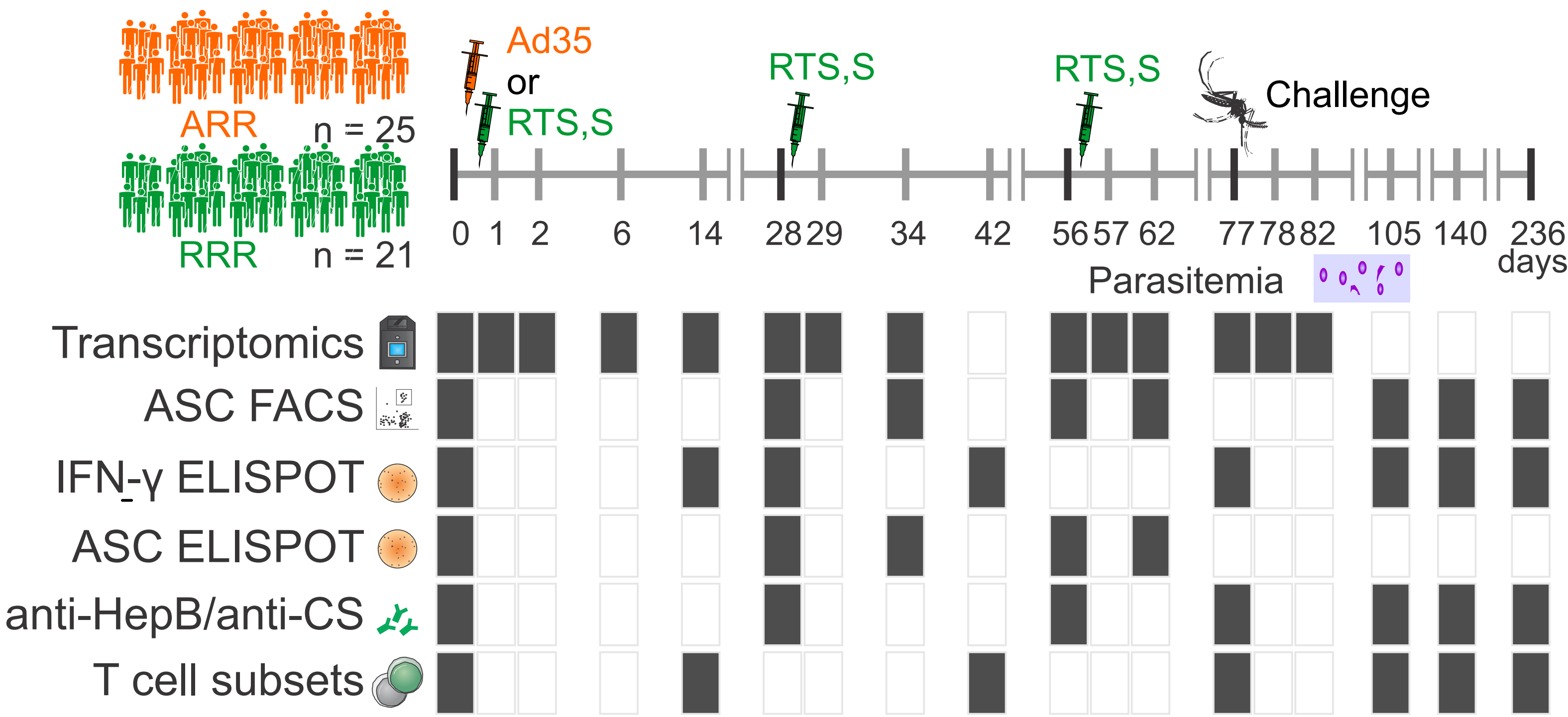


R for bioinformatics - Lesson 6

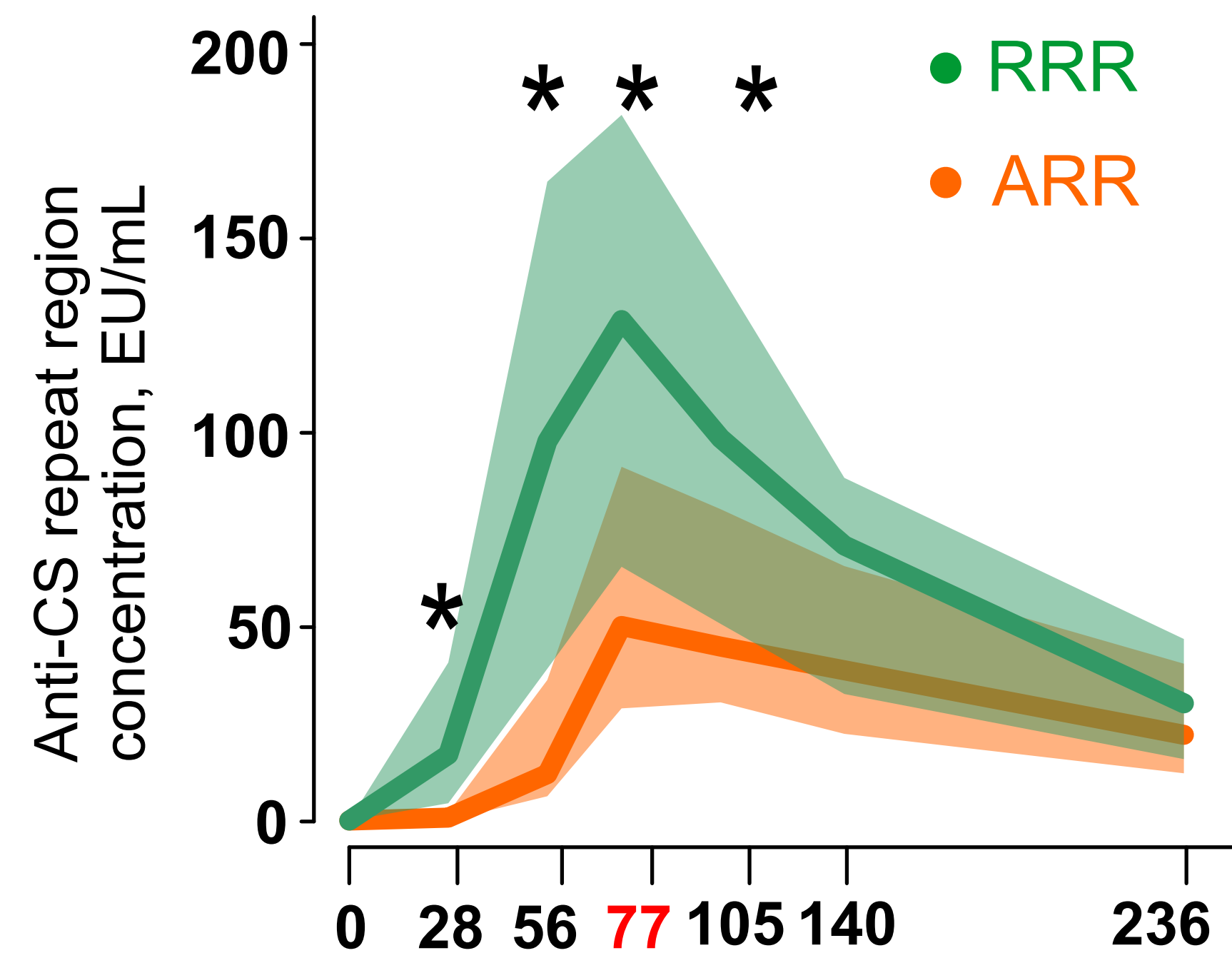
A new dataset

Study diagram

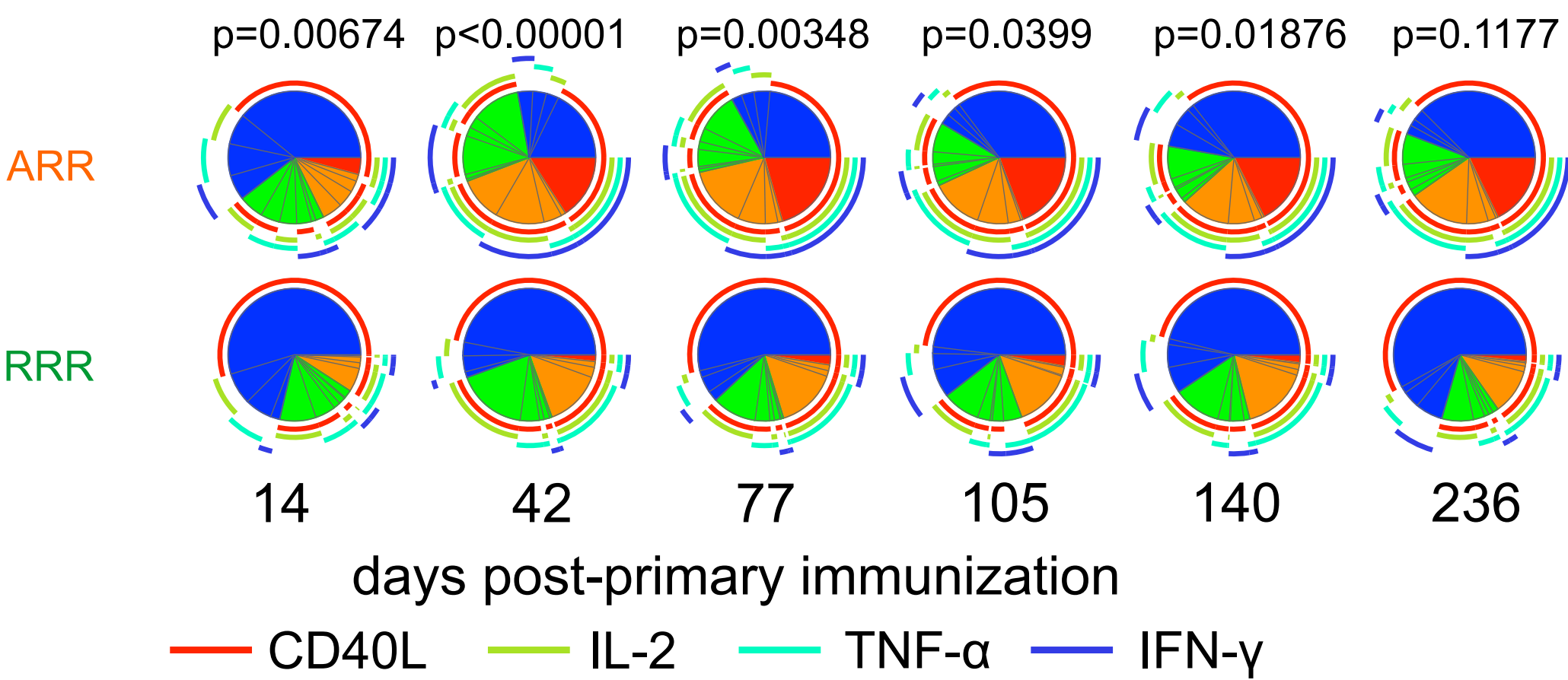


Identical levels of protection are achieved through different mechanisms

Antibody levels



T cell diversity



Modifications to the syllabus

- Week 6 - transcriptional responses on the gene level (no change)
- Week 7 - functional analysis of the transcriptional responses by GSEA (no change)
- Week 8 - antibody responses (no change)
- Week 9 - cellular responses (no change)
- Week 10 - transcriptional correlates of vaccine efficacy (moved from week 11)
- Week 11 - machine learning: generalized linear models to predict vaccine efficacy