Class I HLA genes: 

Associated SNPs:

Chromosome 

GWAS:
- HIV acquisition
- Viral load setpoint
- Viremic control

Exome sequencing:
- General population
- HIV+ individuals

TRIM5α protein variants from ESP

In vivo:
- TRIM5α in CD4+ T cells

In vitro:
- TRIM5α during HIV replication

G2G:
- Host influence on viral variation

Gene expression:
- In vivo infection
- In vitro models