

Standard screening strategies



Day 1 ↓ Electroporation/lipofection

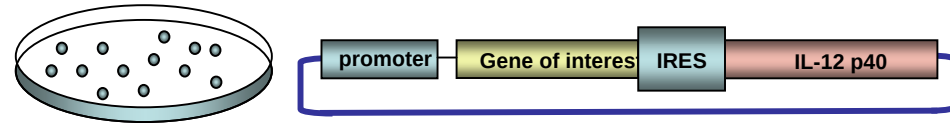
Day 3 ↓ Drug selection

Day 9 ↓ Transfer of drug resistant colonies to 24- well plates.

Days 12-14 ↓ genotyping {
Genomic DNA extraction from each clones
PCR reactions

Days 15-16 ↓ Analysis of the transgene expression {
RNA extraction from positive transformants
RT-PCR, qRT-PCR, or identification of cells expressing the gene of interest by Western analysis

IL-12 p40-based screening strategy



Day 1 ↓ Electroporation/lipofection

Day 3 ↓ Drug selection

Day 9 ↓ Transfer of drug resistant colonies to 24- well plates

Day 12 ↓ IL-12 p40 ELISA essay using an aliquot of culture medium