

Kick-Off Meeting Questionnaire R&D Project

Company: _____ Contact: _____



- 1) What is the client's end-use application?
- 2) What is the project target (Ex. small molecule, peptide, protein, cell, etc)?
- 3) What is/are the project counter-target(s)? This is to improve specificity.
- 4) What storage conditions are necessary in order to ensure target/counter-target stability?
- 5) Can the client provide QC data on the target/counter-target? If not, what QC measures may be taken to ensure the correct target/counter-target are used for selection? Purity must be validated.
- 6) What concentration of target/counter-target is expected in the client's end-use application?
- 7) Is the target and/or counter-target(s) a hazardous material? If so, what precautions should be taken?
- 8) Can the client obtain a minimum of 10 nanomoles of target/counter-target? Largest recent target (150 kDa antibody) would require at least 1.5 mg.
- 9) What additional components should be present during SELEX (i.e. are there components necessary for the client's end-use application that may not necessarily be a target or counter-target, per se? Is PBS or Tris required, etc.?)?



- 10) Are any of the additional selection components hazardous? If so, what precautions should be taken - supply an MSDS or completed Material Acquisition Form?

- 11) At what temperature should SELEX experiments be carried out?

- 12) Does the client have a preferred aptamer chemistry (RNA vs DNA)?

- 13) Does the client require an apta-switch, beacon, or lateral flow assay?