# Sea Lane Human Antibody Libraries

## *ConCIRT™ and EnCORE*

➢ Largest, highest quality known synthetic library

➢ Built-in optimization technology to improve candidates

## *Rondo*

➢ Disease targeted and therapeutically annotated collection

➢ Proprietary, addressable, barcoded sub-library system

## *Ensemble*

➢ Leverages attributes of ConCIRT and Rondo to provide additional unique solutions from a semisynthetic repertoire
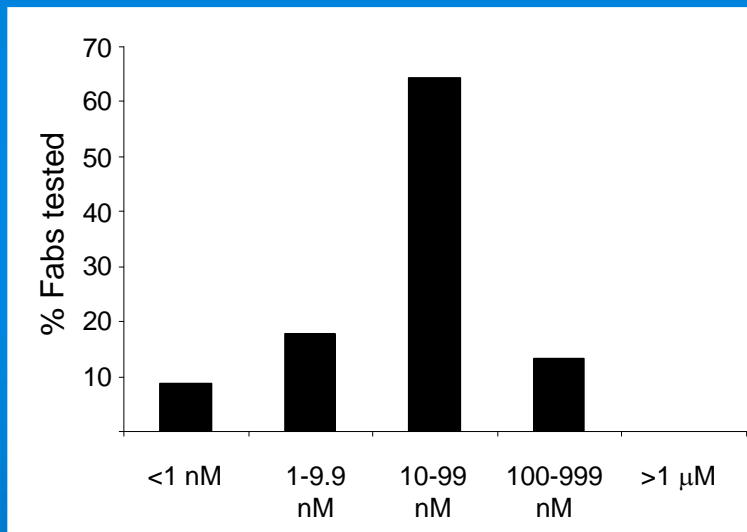
# ConCIRT Libraries are Productive Against Structurally Diverse Targets

| Protein Class | Structural type | Protein Class | Structural type |
|---|---|---|---|
| Growth Factor Receptor | 3- Ig-like domain | Cytokine | alpha-helical cytokine |
| | 7-Ig-like domain | | Cysteine knot |
| | Cys-rich domain | | dimeric cytokine |
| | Sema and Ig-like domain | | IL-1 superfamily |
| Receptor | Ig-like superfamily | | TNF-like |
| Death Receptor | TNF Receptor-like | | |
| Growth Factor | Cysteine knot | Ligand | Cysteine knot |
| | EGF-like | | phospho/sulfated protein |
| | Kringle and Serine Protease-like domains | | TNF superfamily |
| Costimulatory Molecule | Ig-like superfamily | Chemokine | Chemokine |

# ConCIRT Antibody Libraries Yield Industry Competitive High Affinity Hits

*Unoptimized ConCIRT antibody hits have good affinities*

*EnCORE optimization rapidly yields greatly improved affinities*