Overall Capabilities of the Screening Centers Network





June 8, 2006

Diseases Relevance to NIH Institutes

in 57 Assays Selected through the PAR- Assay Solicitation for HTS in the MLSCN





Assay Technologies and Target Classes

in 57 Assays Selected through the PAR- Assay Solicitation for HTS in the MLSCN

Absorbance, Fluorescence, FP, FRET, FLIPR, AlphaScreen, InCell 3000, Arrayscan Cellomics, Flow Cytometry, and Microarray.

Enzyme Protein GPCR Cell-based assay PP interaction Other Channel Transcription factors	32% 12% 12% 11% 9% 7% 4% 4%	Other Yeast-based assay, Zebrafish, et al	12%	Enzyme Proteases, kinase, phosphatase, transferase, polymerase, and proteases,
Yeast Zebrafish	4 % 4 %	Cell-based assay Pathway, Cytotoxicity, HCS	GPCRs	Proteins chaperone, Protein-protein interaction, degradation, and aggregation
Nuclear receptor Transporter	2 % 2 %			

