

EPIGENETIC SCREENING

ESTABLISHED EPIGENETIC ENZYMES

- DNA methyltransferases
- Histone methyltransferases
- Histone Demethylases
- Histone acetyltransferases
- Histone deacetylases
- Bromodomains
- Chromodomains

MULTIPLE ASSAY PLATFORMS

- Radiometric assays
- Fluorescence intensity
- FRET
- AlphaLISA/AlphaScreen

BROAD SERVICE SCOPE

- Assay development
- High-throughput screening
- Compound screening for SAR
- Selectivity panel profiling
- Enzyme kinetics
- Compound mechanism of action
 - Mode of inhibition, Ki
 - Compound reversibility
 - Kon and Koff

SERVICE HIGHLIGHTS

- High performance on data quality
- Fast turnaround time
- Assay development for "custom-design" assays



Echo550



PlateMate



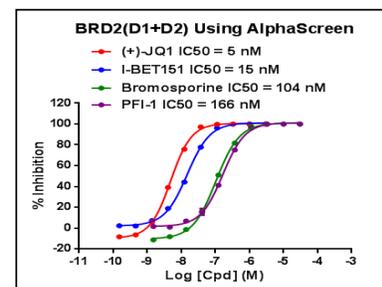
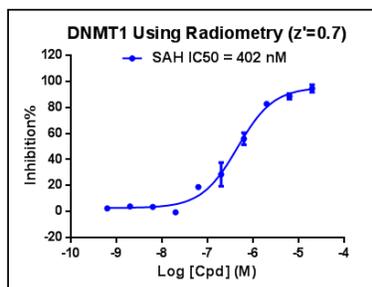
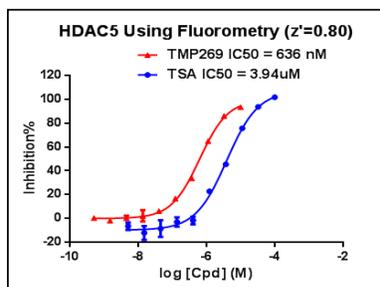
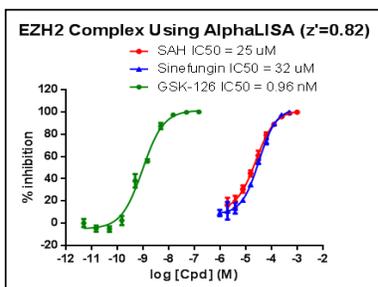
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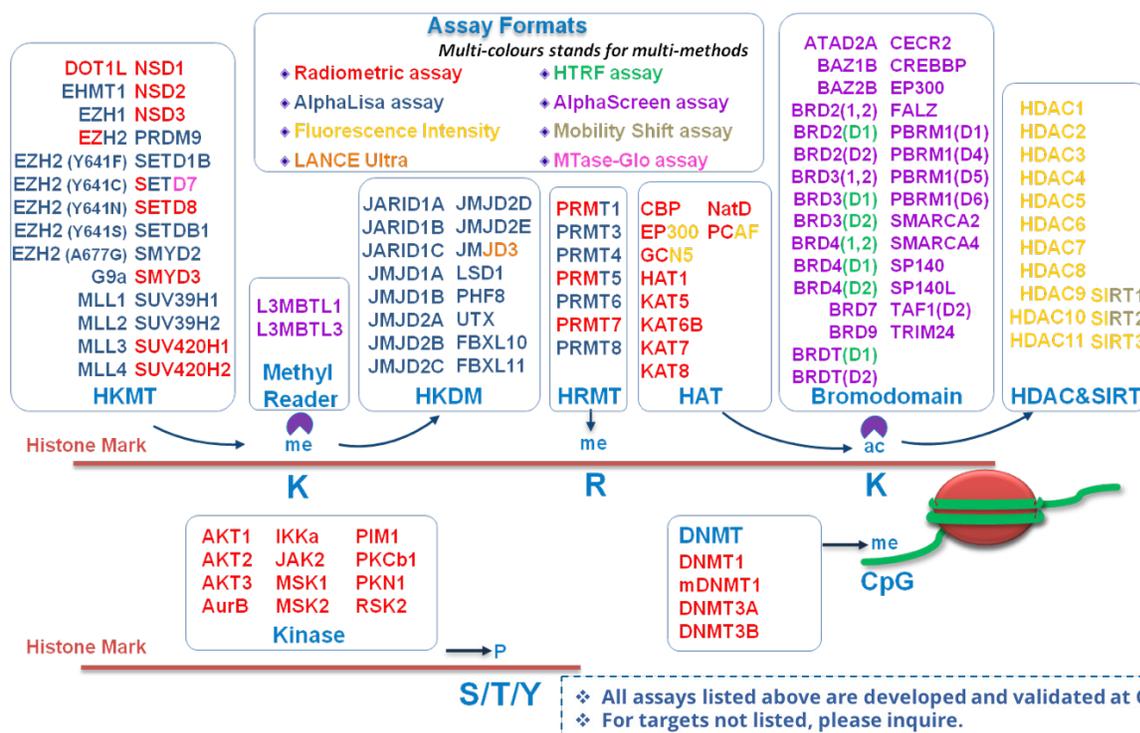
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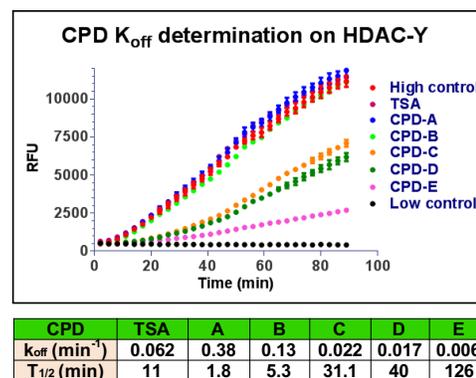
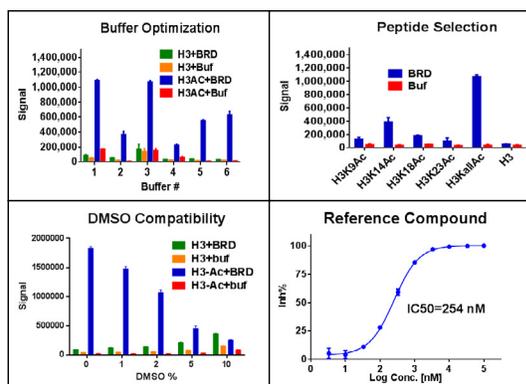
MicroBeta



EPIGENETIC ENZYME ASSAY PANEL SCREEN



CASE STUDY



HTS ASSAY DEVELOPMENT ON BROMODOMAIN-X

OFF-RATE DETERMINATION OF HDAC-Y