**CONCLUSIONS**

- CDT has developed a selectivity kinase panel, using Promega’s Kinase Selectivity Profiling System, that can be used to predict the selectivity profile of compounds against a larger selectivity panel.
- Percent inhibition results suggest a good correlation between the two inhibitor concentration tested.
- Potency (IC50) measurements correlated well with initial % Inhibition values at 1μM.
- 3% false positive rate observed.
- 1.5% negative hit rate observed.
- Demonstrated that using this time dependence of compounds can be determined.
- Demonstrated a good correlation in IC50 values obtained at CDT when compared to data previously reported by Ambit (Zarrinkar, et al.) and is representative of a large kinase selectivity panel.

**REFERENCES**