Reference List for SureFire™ Technology

Refereed Papers:

ERK SureFire:

- Osmond RIW, Sheehan A, Borowicz R, Barnett E, Harvey G, Turner C, Brown A, Crouch MF, Dyer AR. (2005) GPCR screening via ERK 1/2: a novel platform for screening G protein-coupled receptors. J. Biomol. Screen. 10(7), 730-737.

- Chong MP, Barritt GJ, Crouch MF. (2004) Insulin potentiates EGFR activation and signaling in fibroblasts. Biochem. Biophys. Res. Comm. 322, 535-541.

STAT-3 SureFire:

- Emery B, Merson TD, Snell C, Young KM, Ernst M, Kilpatrick TJ. (2006) SOCS3 negatively regulates LIF signaling in neural precursor cells. Mol. Cell Neurosci. In Press.

Conferences And Other Non-refereed Papers:

- Leroy D, Waltzinger C, Humbert Y, Missotten M, Martin T, Francon B, Nichols A, Lang P, Scheer A. (2005) ERK phosphorylation: A multi-card signal to study the pharmacology of small molecules modulating GPCR activated pathways. Society for Biomolecular Screening 11th annual conference and exhibition.

- Osmond RIW, Dyer AR, Sexton PM, Christopoulos A Crouch MF (2006) Effective GPCR Screening using ERK 1/2: Applying *SureFire*™ technology to GPCR screening. Genetic Eng. News 26 (1), 29-30.

- Crouch MF, Dyer AR, Sheehan AJ, Osmond RIW. (2006) A new HTS platform for screening GPCRs measuring ERK ½ phosphorylation: the SureFire™ Cellular ERK assay utilizing PerkinElmers's Alphascreen™ technology. !5th Annual ScreenTech Conference.

- Crouch MF, Osmond RIW, Dyer AR (2005) High throughput homogeneous cell-based assays of receptor signaling pathways: A discovery platform for kinase drug discovery. Society for Biomolecular Screening 11th annual conference and exhibition.

- Crouch MF, Osmond RIW, Sheehan AJ Dyer AR (2005) High throughput homogeneous cell-based assays of ERK activation: A GPCR discovery platform to replace Ca^{2+}. Society for Biomolecular Screening 11th annual conference and exhibition.

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- Luttrell LM. Location, location, location': activation and targeting of MAP kinases by G protein-coupled receptors. J Mol Endocrinol. 2003 Apr;30(2):117-26. Review.

- Berkeley JL, Levey AI. Cell-specific extracellular signal-regulated kinase activation by multiple G protein-coupled receptor families in hippocampus. Mol Pharmacol. 2003, 63(1):128-35.

- Wu J, Cunnick JM. Trans-regulation of epidermal growth factor receptor by lysophosphatidic acid and G protein-coupled receptors. Biochim Biophys Acta. 2002 1582(1-3):100-6. Review.