

# Supplementary Material

## A Novel Dual Fluorochrome Near-Infrared Imaging Probe for Potential Alzheimer's Enzyme Biomarkers- BACE1 and Cathepsin D

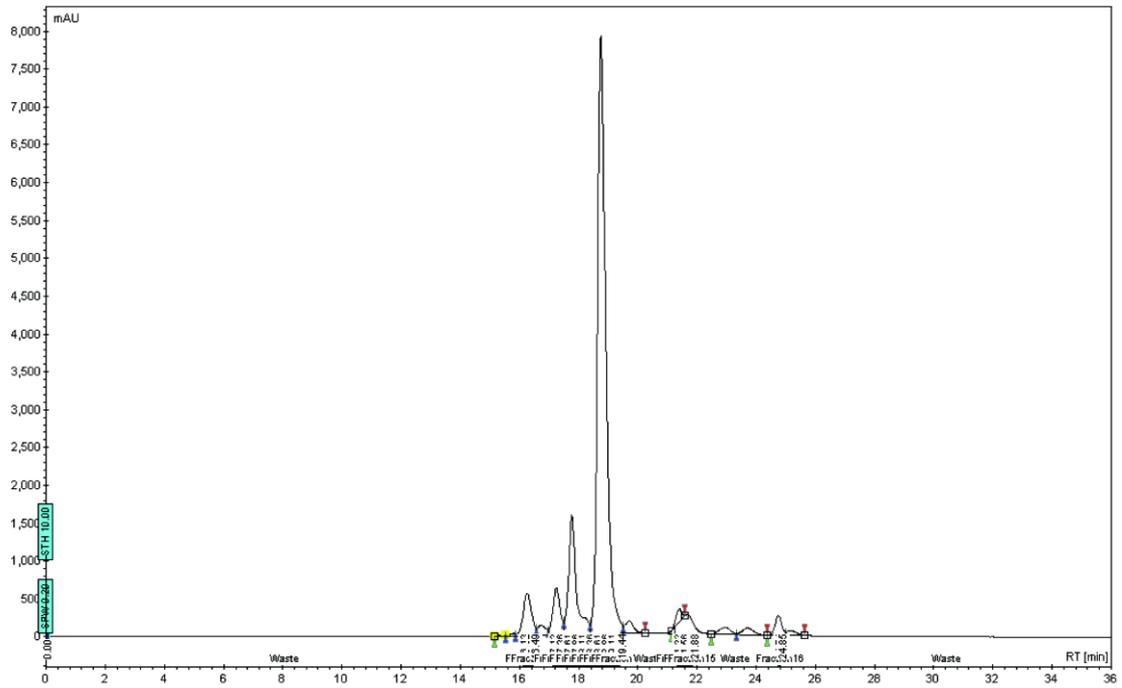
Jenny M. Tam <sup>1</sup>, Lee Josephson <sup>2</sup>, Alexander R. Pilozzi <sup>3</sup> and Xudong Huang <sup>3,\*</sup>

<sup>1</sup> Wyss Institute and Harvard Medical School, Boston, MA 02115, USA; jenny.tam@wyss.harvard.edu

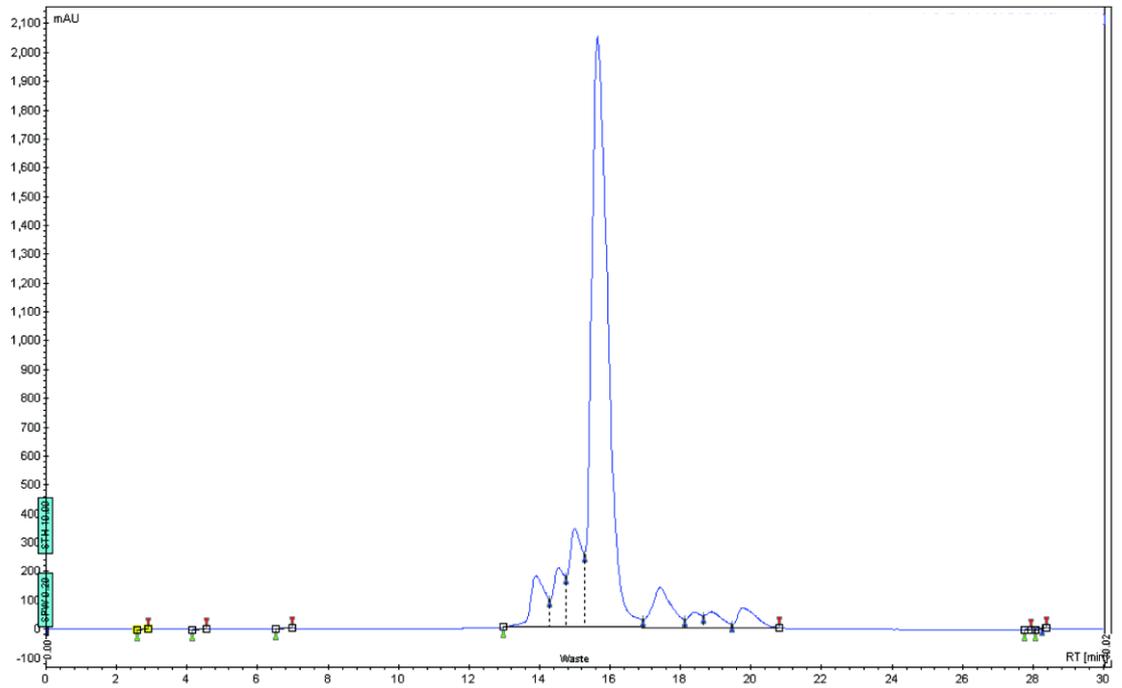
<sup>2</sup> Center for Molecular Imaging Research (CMIR), Department of Radiology, Massachusetts General Hospital and Harvard Medical School, Charlestown, MA 02129, USA; ljosephson@mgh.harvard.edu

<sup>3</sup> Neurochemistry Laboratory, Department of Psychiatry, Massachusetts General Hospital and Harvard Medical School, Charlestown, MA 02129, USA; APILOZZI@mgh.harvard.edu

\* Correspondence: Huang.Xudong@mgh.harvard.edu; Tel: 617-724-9778; Fax: 617-726-4078



Supplementary Figure S1: HPLC chromatogram of labeled BACE1 peptide substrate.



Supplementary Figure S2: HPLC chromatogram of labeled CatD peptide substrate.