Supplementary Data

Accumulation of Insoluble Amyloid-β in Down’s Syndrome is Associated with Increased BACE-1 and Neprilysin Activities

James Scott Miners, Sean Morris, Seth Love and Patrick Gavin Kehoe

Dementia Research Group, Institute of Clinical Neurosciences, University of Bristol, Bristol, UK

Handling Associate Editor: Dengshun Wang

Accepted 7 September 2010

Supplementary Figure S1. Fluorogenic peptide cleavage is inhibited by Captopril. Incubation of a brain tissue homogenate with various concentrations of captopril (0.1 μM, 1 μM, 10 μM and 1000 μM (1 mM)) prior to the addition of fluorogenic substrate Abz-FRK(Dnp)-P inhibited peptide cleavage by 76%, 75.2%, 78.1%, and 88.3% respectively.

1 These authors contributed equally to this manuscript.

Correspondence to: Dr James Scott Miners, Dementia Research Group, Institute of Clinical Neurosciences, University of Bristol, Frenchay Hospital, Bristol BS16 1LE, UK. Tel.: +44 117 9502121 ext. 2830; Fax: +44 117 9573955; E-mail: scott.miners@bristol.ac.uk.

ISSN 1387-2877/11/$27.50 © 2011 – IOS Press and the authors. All rights reserved