

SUPPLEMENTARY MATERIAL

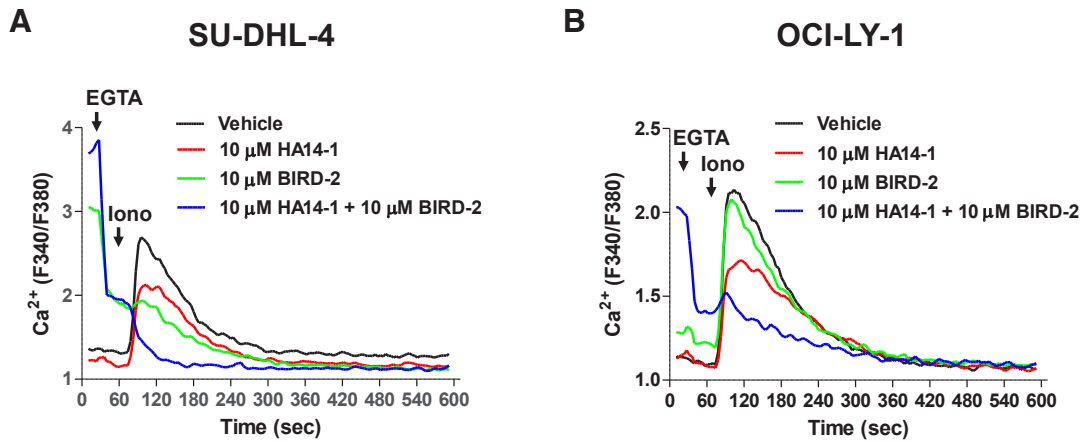
corresponding to:

**HA14-1 potentiates apoptosis in B-cell cancer cells sensitive
to a peptide disrupting IP₃ receptor / Bcl-2 complexes**

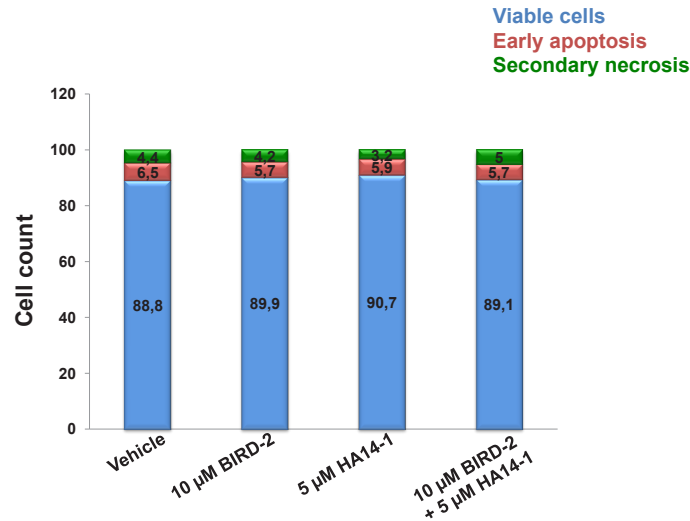
Haidar Akl, Rita Maria Laura La Rovere Ann Janssens, Peter Vandenberghe,
Jan B. Parys and Geert Bultynck

***Address correspondence to:** Jan B. Parys or Geert Bultynck. KU Leuven, Laboratory of Molecular and Cellular Signaling, Department of Cellular and Molecular Medicine, Campus Gasthuisberg O/N-I bus 802, Herestraat 49, BE-3000 Leuven, Belgium. Tel: +32-16-330660 or +32-16-330215; Fax: +32-16-330732. E-mail: jan.parys@med.kuleuven.be or geert.bultynck@med.kuleuven.be - web: <http://gbiomed.kuleuven.be/english/research/50000618/50753344>

Full text for this paper is available at: <http://dx.doi.org/10.1387/ijdb.150213gb>



Supplementary Fig. S1. Effect of BIRD-2 and HA14-1 on Ca²⁺ handling by SU-DHL-4 cells (A) and OCI-LY-1 cells (B). The ionomycin (Iono)-induced Ca²⁺ responses are shown after pretreatment without (black line) or with 10 μM HA14-1 (red line), 10 μM BIRD-2 (green line) or 10 μM HA14-1 + 10 μM BIRD-2 (blue line) for 30 min. Ionomycin concentration was 10 μM. The curves are representative for three independent experiments.



Supplementary Fig. S2. BIRD-2 cannot sensitize OCI-LY-1 cells to “sub lethal” HA14-1 treatment. Flow-cytometric analysis of apoptosis induced in OCI-LY-1 cells by a 24 hours treatment without or with 5 μM HA14-1 and/or 10 μM BIRD-2. The blue bars represent the viable OCI-LY-1 cells (Annexin V-FITC negative/7-AAD negative), the red bars the early apoptotic cells (Annexin V-FITC positive/7-AAD negative) and the green bars the secondary necrotic fraction (Annexin V-FITC positive/7-AAD positive). Representative for three independent experiments.