## **Description of Additional Supplementary Files**

File name: Supplementary Data (tab: Supp Data 1 - Table 1) Description: Source data for Table 1. File name: Supplementary Data (tab Supp Data 2 - Fig1c) **Description:** Source data for Figure 1c. File name: Supplementary Data (tab: Supp Data 3 - Sup-Fig1a) Description: Source data for Supplementary Figure 1a. File name: Supplementary Data (tab: Supp Data 3 - Sup-Fig1c) **Description:** Source data for Supplementary Figure 1c. File name: Supplementary Data (tab: Supp Data 4 - Sup-Fig2a) Description: Source data for Supplementary Figure 2a. **File name:** Supplementary Data (tab: Supp Data 4 - Sup-Fig2b,c) **Description:** Source data for Supplementary Figure 2b,c. File name: Supplementary Data (tab: Supp Data 5 - Fig2a) **Description:** Source data for Figure 2a. File name: Supplementary Data (tab: Supp Data 5 - Fig2b) **Description:** Source data for Figure 2b. **File name:** Supplementary Data (tab: Supp Data 5 - Fig2c) **Description:** Source data for Figure 2c. File name: Supplementary Data (tab: Supp Data 6 - Sup-Fig3) **Description:** Source data for Supplementary Figure 3. File name: Supplementary Data (tab: Supp Data 7 - Fig3b) Description: Source data for Figure 3b. File name: Supplementary Data (tab: Supp Data 7 - Fig3c) Description: Source data for Figure 3c. File name: Supplementary Data (tab: Supp Data 7 - Fig3d) Description: Source data for Figure 3d. File name: Supplementary Data (tab: Supp Data 7 - Sup-Fig4-AZD7762) **Description:** Source data for Supplementary Figure 4.

File name: Supplementary Data (tab: Supp Data 7 - Sup-Fig4-CAY10618) Description: Source data for Supplementary Figure 4. File name: Supplementary Data (tab: Supp Data 7 - Sup-Fig4-ceranib-2) **Description:** Source data for Supplementary Figure 4. File name: Supplementary Data (tab: Supp Data 7 - Sup-Fig4-ML162) **Description:** Source data for Supplementary Figure 4. File name: Supplementary Data (tab: Supp Data 8 - Fig4a-f) Description: Source data for Figure 4a-f. File name: Supplementary Data (tab: Supp Data 8 - Fig4g) **Description:** Source data for Figure 4g. File name: Supplementary Data (tab: Supp Data 9 - Sup-Fig5a) **Description:** Source data for Supplementary Figure 5a. File name: Supplementary Data (tab: Supp Data 9 - Sup-Fig5b) Description: Source data for Supplementary Figure 5b. File name: Supplementary Data (tab: Supp Data 9 - Sup-Fig5c) **Description:** Source data for Supplementary Figure 5c. File name: Supplementary Data (tab: Supp Data 10 - Sup-Fig6a) **Description:** Source data for Supplementary Figure 6a. File name: Supplementary Data (tab: Supp Data 10 - Sup-Fig6b-k) **Description:** Source data for Supplementary Figure 6b-k. File name: Supplementary Data (tab: Supp Data 11 - Fig5a,d) **Description:** Source data for Figure 5a,d. File name: Supplementary Data (tab: Supp Data 11 - Fig5b) **Description:** Source data for Figure 5b. **File name:** Supplementary Data (tab: Supp Data 11 - Fig5c) Description: Source data for Figure 5c. File name: Supplementary Data (tab: Supp Data 11 - Fig5e) Description: Source data for Figure 5e. File name: Supplementary Data (tab: Supp Data 11 - Fig5f;Sup-Fig7) **Description:** Source data for Figure 5f and Supplementary Figure 7.

File name: Supplementary Data (tab: Supp Data 12) Description: Module of action (ModOA) functional enrichment statistics. File name: Supplementary Data (tab: Supp Data 13 - Fig6a) **Description**: Source data for Figure 6a. File name: Supplementary Data (tab: Supp Data 13 - Fig6b) **Description:** Source data for Figure 6b. File name: Supplementary Data (tab: Supp Data 13 - Fig6c) **Description:** Source data for Figure 6c. File name: Supplementary Data (tab: Supp Data 13 - Fig6d) **Description:** Source data for Figure 6d. File name: Supplementary Data (tab: Supp Data 13 - Fig6e) **Description:** Source data for Figure 6e. File name: Supplementary Data (tab: Supp Data 14 - Sup-Fig8a) Description: Source data for Supplementary Figure 8a. File name: Supplementary Data (tab: Supp Data 14 - Sup-Fig8d) Description: Source data for Supplementary Figure 8d.