The Origin file “20181016 F7-1 GdBCO for figure 10 and 11” contains all the original data in different folders used for figure 10 and figure 11, which are Tc and Jc measurements for 24 pieces of specimens in within one sample called 20181016 F7-1 GdBCO.

The 24 specimens were cut from this one sample and labelled into 4 rows and 6 columns (explained in the paper). There are 6 rows, from top to bottom, they are labelled as a, b, c, d, e and f; and there are 4 columns, from centre to edge, they are labelled as 1, 2, 3 and 4. For example, sample 3td is at the 3rd column and d row (t means we labelled from the top surface). The columns are parallel to C direction and rows are parallel to A direction of the crystal.

For example, the folder called Tc1 contains raw data of Tc measurements of 6 specimens in the 1st column (1ta, 1tb, 1tc, 1td, 1te and 1te) and the graphs. As such, we can see all the data for the Tc measurements in the folders Tc2, Tc3 and Tc4.

For another example, the folder called M-H and Jc 1C direction contains raw data of Jc measurements of 6 specimens in the 1st column (1ta, 1tb, 1tc, 1td, 1te and 1te) and the graphs. As such, we can see all the data for the Jc measurements in the folders “M-H and Jc 2C direction”, “M-H and Jc 3C direction” and “M-H and Jc 4C direction”.