## **Description of Additional Supplementary Files**

File Name: Supplementary Data 1

Description: List of genes in the targeted sequencing assay for exonic and intronic capture in version 1 and 2 of the FoundationOne Assay

File Name: Supplementary Data 2

Description: RET variant details, hormone receptor and ERBB2 status, site of origin and tumor purity for 121 RET altered breast cancers.