

## Description of Additional Supplementary Files

File Name: Supplementary Data 1

Description: Sequencing quality criteria for whole exome sequencing and variants detected by whole exome sequencing in 15 myelofibrosis at baseline and during follow-up.

File Name: Supplementary Data 2

Description: Primers indicating respective sequences used for targeted sequencing.

File Name: Supplementary Data 3

Description: Custom TaqMan probes indicating respective sequences and commercially available probes used for single-cell analysis.