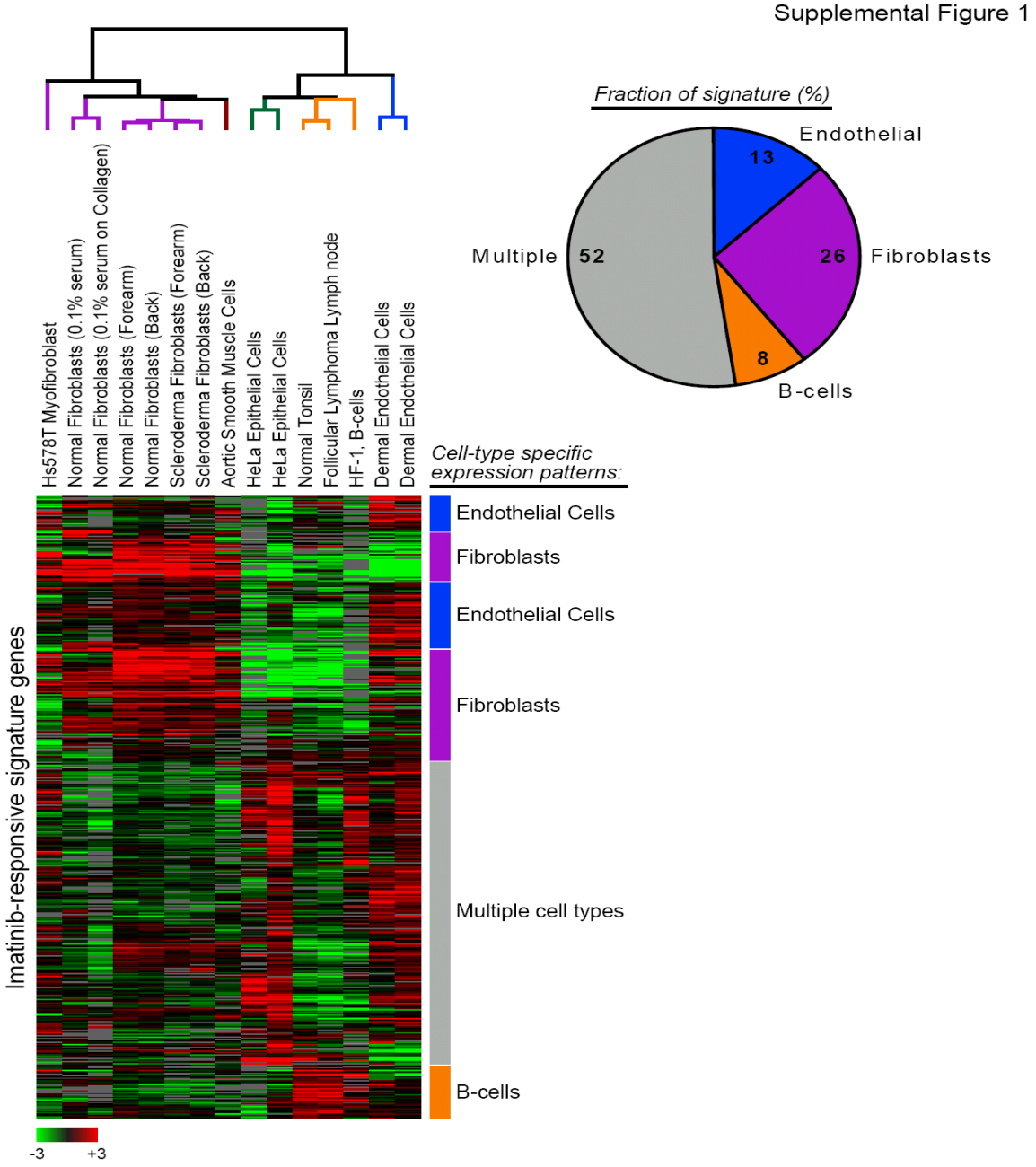
SUPPLEMENTAL MATERIAL

1. **Supplemental Figure 1. Cell types that contribute to the gene expression changes associated with imatinib therapy.**
2. **Supplemental Table 1. Imatinib Responsive Genes.**

Supplemental Figure 1



Supplemental Figure 1. Cell types that contribute to the gene expression changes associated with imatinib therapy. The imatinib-responsive gene expression signature was isolated from gene expression profiles of 11 individual cell types that are likely to be present in skin (Whitfield et al., *PNAS*, 2003). Using UniGene ID to convert the genes, 485 of 1050 imatinib-responsive genes were isolated. Imatinib-responsive genes that are specifically expressed in a given cell type are highlighted on the right. The percentages of the genes specifically expressed in fibroblasts, endothelial cells, B-cells, or multiple cell types are provided.