



1 **Supplementary figure 1.** Swimmers plot showing the PFS of immunotherapy and
 2 subsequent therapy. Each bar represents one patient. **A:** Patients treated with ICIs
 3 monotherapy beyond progression. **B:** Patients treated with ICIs combination therapy
 4 beyond progression. PFS: progression-free survival, PD: progressive disease.
 5 programmed cell death ligand 1; ICIs: immune checkpoint inhibitors; PR: partial response; SD: stable disease; PD:
 6 progressive disease; ORR: objective response rate; DCR: disease control rate; PFS: progression-free survival