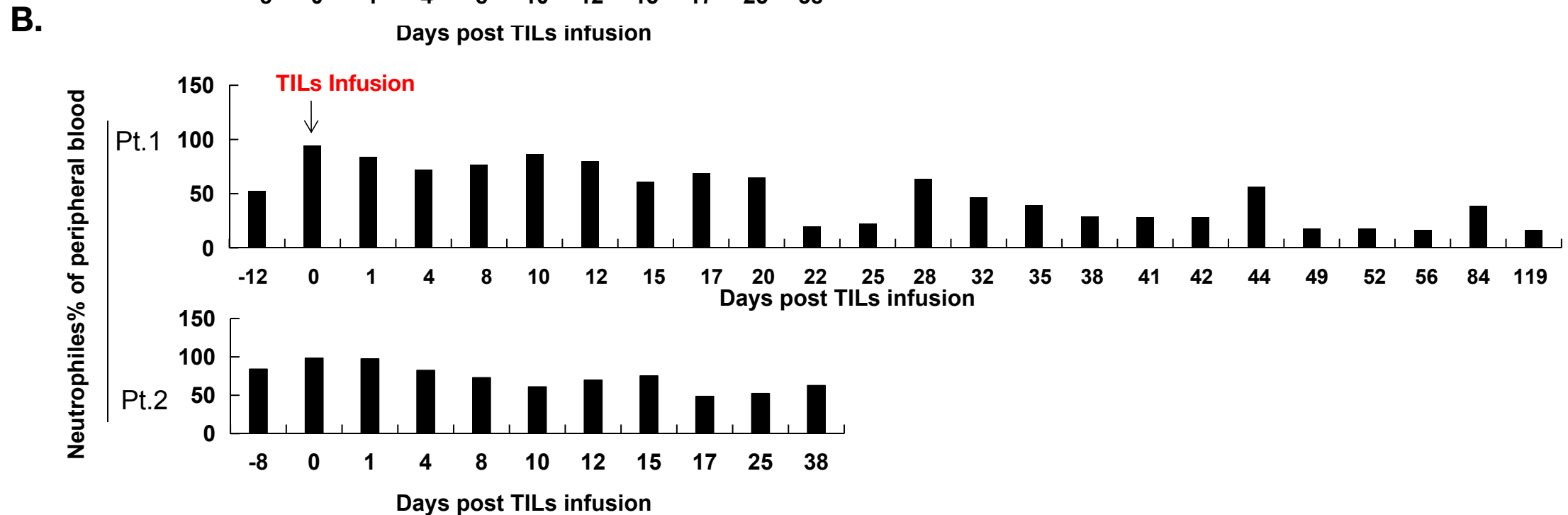
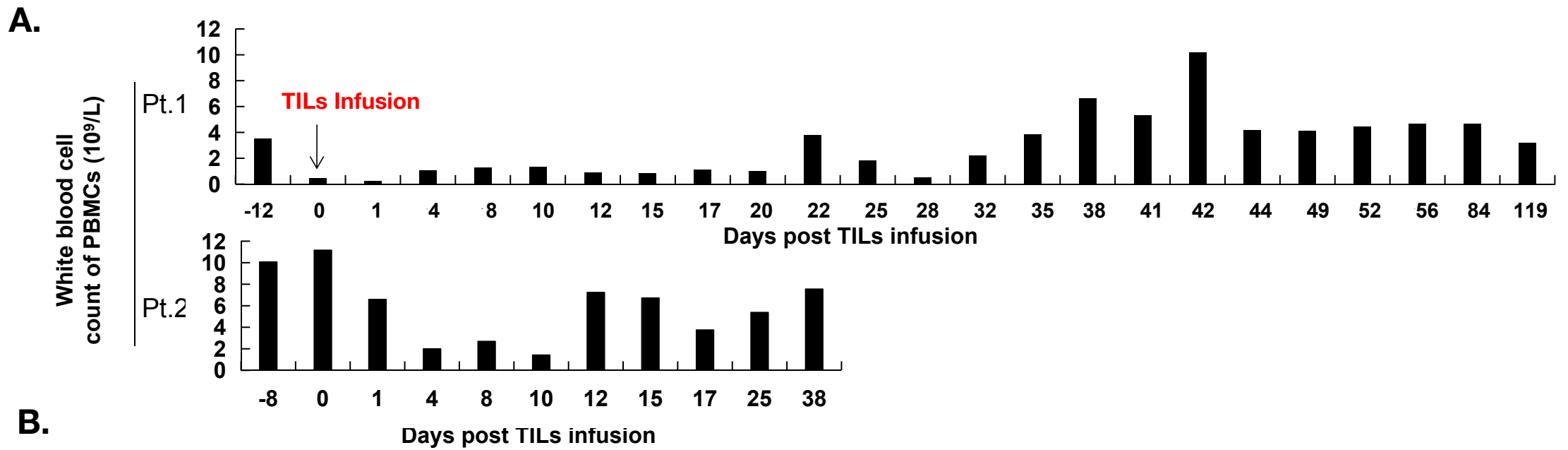
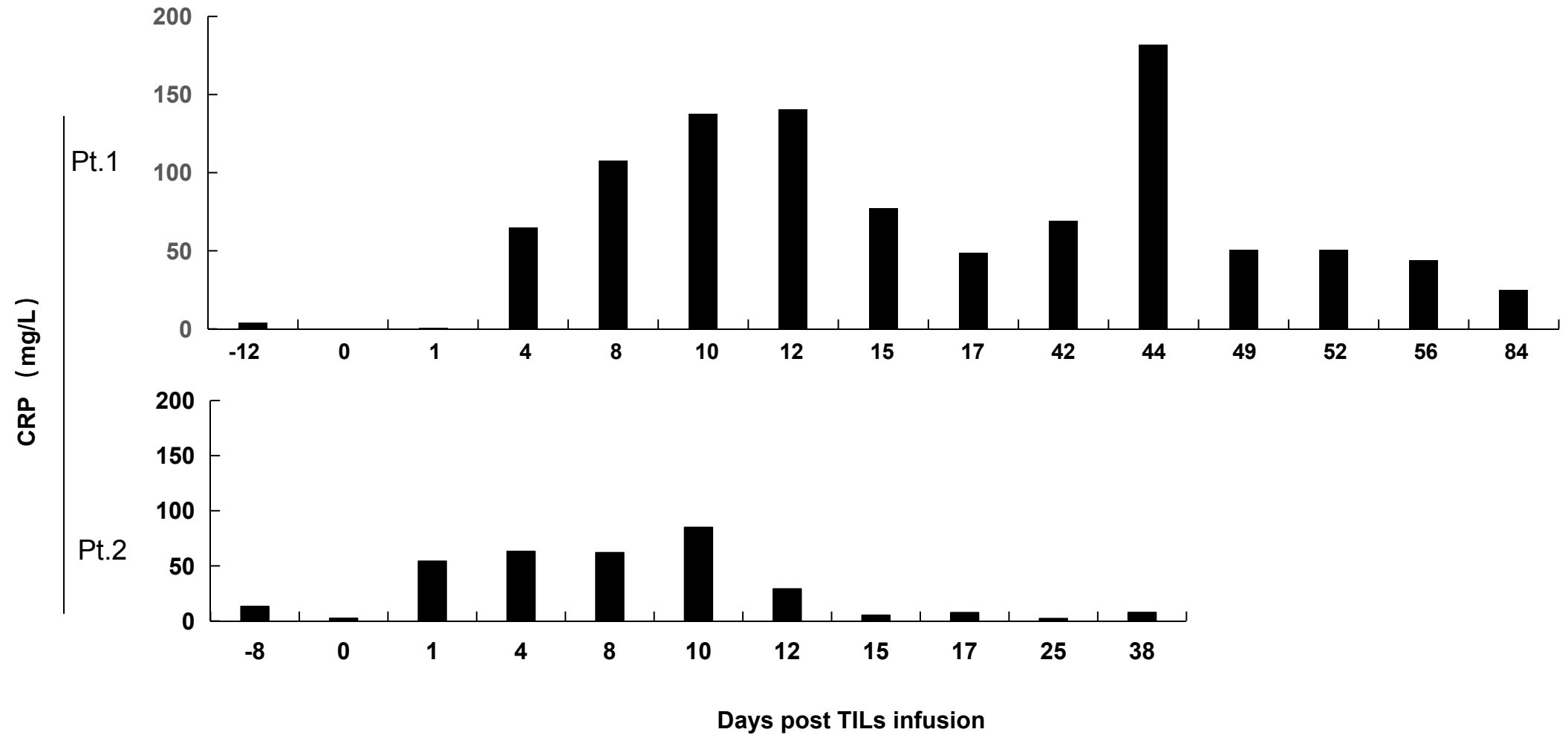


Supplemental Fig.1 Timeline of the detailed side effects after TILs infusion of both patients.



Supplemental Fig.2 Peripheral blood cell analysis of the patient 1 and 2. White blood cell count (A.) and Neutrophile percentages (B.) of the patients over treatment.



Supplemental Fig.3 C-Reactive Protein (CRP) levels of peripheral blood of patient 1 and 2 over treatment.

Supplemental Table 1 Summary of adverse events of the patient during treatment

Adverse Events	Grade (CTCAE 5.0)	No. Of patients	Correlative factor
Nausea	2	2/2	lymphodepleting regimens, High dose IL2 infusion
Vomiting	2	1/2	lymphodepleting regimens, High dose IL2 infusion
Inappetence	2	2/2	lymphodepleting regimens, High dose IL2 infusion
Leukopenia	3	2/2	lymphodepleting regimens
Thrombocytopenia	4	1/2	lymphodepleting regimens
Fever	2	2/2	TILs in fusion , High dose IL2 infusion
Rash	1	1/2	High dose IL2 infusion
Herpes Labialis	1	1/2	High dose IL2 infusion
Edema of both lower limbs	1	1/2	High dose IL2 infusion
Diarrhea	1	1/2	High dose IL2 infusion