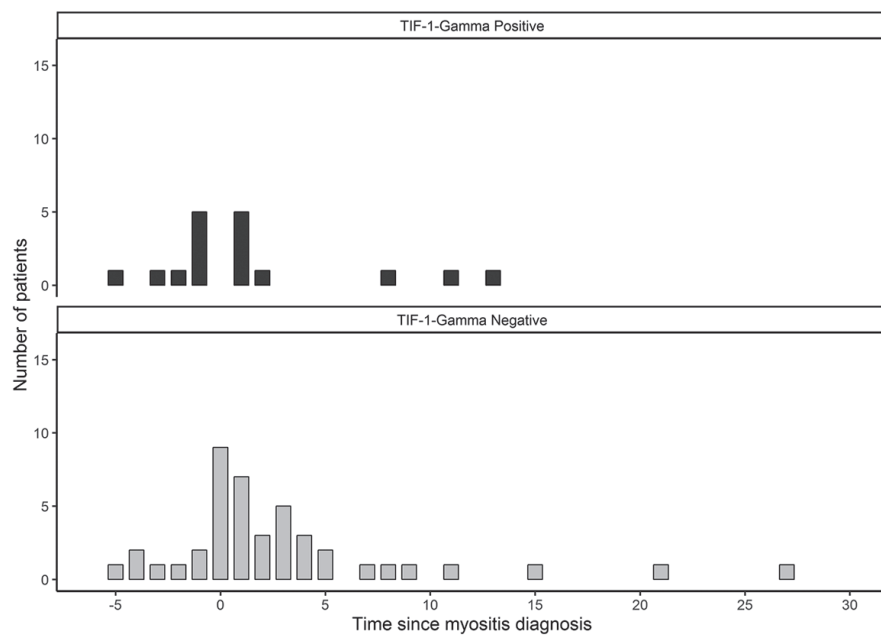


Supplementary Table SI. Characteristics of three Swedish patients with positive anti-TIF1- γ antibodies before cancer diagnosis.

| | Patient 1 | Patient 2 | Patient 3 |
|-----------------------------------|---|---|--|
| Sex | F | F | F |
| Year of DM diagnosis | DM 1993 | DM 1992 | DM 2000 |
| Age at myositis diagnosis | 47 | 56 | 62 |
| Cancer type and year of diagnosis | Lung cancer with metastases 2001 | Polycythemia vera 2005, leukemia 2007 | Duodenal cancer with metastases 2001 |
| Anti-TIF1-gamma | Positive 1996 (0.4 au), 2001 (0.4 au), negative 2009 (0.2 au) | Negative 1996, positive 2004 (0.8 au) and 2007 (1.2 au) | Positive 2000 (2.3 au) and 2001 (2.1 au) |
| Cancer treatment | Surgery | chemotherapy | None |
| Follow-up | remission | Died 2008 | Died 2002 |
| Smoking | Y | NA | N |

**Supplementary Fig. 1. (revised).** Time interval in years between myositis diagnosis (Time 0) and cancer diagnoses in patients positive and negative for anti-TIF1- γ antibodies.