

Supplementary Table S5: laboratory data.

| | Diagnosi s | Gender | Age at biopsy (years) | CK initial (U/l) | CK max (U/l) | LDH (U/l) | GOT (U/l) | GPT (U/l) | ANA | dsDNS (U/ml) | MSA | MAA | Other antibodies |
|-----|---------------|--------|-----------------------------|---------------------|-----------------|--------------|--------------|--------------|----------|-----------------|-------|------|--------------------------------|
| P1 | DM | m | 9 | 3.697 | 3.697 | 746 | 256 | 138 | <1:80 | - | - | - | - |
| P2 | DM | f | 5 | 177 | 177 | 336 | norm | norm | 1:160 | - | - | - | - |
| P5 | DM | f | 13 | 239 | 239 | 423 | 28 | norm | n.a. | n.a. | n.a. | n.a. | n.a. |
| P10 | DM | f | 3 | 10.696 | 20.893 | 1152 | 951 | 336 | <1:80 | - | n.a. | n.a. | n.a. |
| P11 | DM | f | 5 | 903 | 903 | norm | 98 | norm | n.a. | n.a. | n.a. | n.a. | n.a. |
| P12 | DM | f | 6 | 775 | 1245 | 415 | 68 | norm | 1:640 | - | - | - | - |
| P15 | DM | f | 8 | 16.384 | 16.384 | 1.505 | 633 | 193 | <1:80 | - | - | - | - |
| P4 | DM | f | 9 | 1454 | 1.454 | 525 | norm | norm | 1:160 | - | NXP-2 | PM75 | - |
| P13 | DM | f | 16 | norm | norm | norm | norm | norm | 1:640 | - | NXP-2 | - | DFS70 |
| P8 | ASyS | m | 6 | 17.973 | 17.973 | 398 | 84 | norm | 1:320 | - | Jo-1 | - | - |
| P14 | ASyS | f | 3 | 9.574 | 9.574 | norm | 412 | 1320 | >1:10240 | - | Jo-1 | - | - |
| P6 | ASyS | f | 7 | 2.894 | 5.200 | 498 | 143 | 110 | 1:100 | - | PL-7 | Ro52 | - |
| P9 | ASyS | f | 17 | 6.700 | 7.142 | 867 | 1159 | 321 | <1:80 | - | PL-7 | - | - |
| P3 | OM | m | 13 | 886 | 886 | 341 | 83 | 50 | >1:10240 | 206,54 | - | - | nRNP/Sm-AK 9,2 Sm-AK 1,9 |
| P7 | OM | m | 11 | 237 | 237 | norm | norm | norm | >1:10240 | - | - | - | nRNP/Sm-AK 8,9 |

n.a. not analysed; - negative; laboratory data are compared to age dependent normative values