|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Patient | Age(Years) | Gender | Pathology | IVIG dose | Pre-IVIGIgG in the plasma(g/L) | Post-IVIG IgG in the plasma(g/L) | Timing of post-IVIG blood collection |
| 1 | 53 | F | Antisynthetase syndrome, anti-Jo1 antibodies | 2 g/kg | 14.7 | 42.6 | 36 hours |
| 2 | 40 | F | Immune-mediated necrotizing myopathy, anti-HMGCR antibodies  | 2 g/kg | 16.6 | 56.9 | 36 hours |
| 3 | 64 | M | Dermatomyositis, no antibodies | 2 g/kg | 15.4 | 55.4 | 48 hours |
| 4 | 38 | M | Dermatomyositis, anti-NXP2 antibodies | 2 g/kg | 16.3 | 46.9 | 48 hours |
| 5 | 48 | F | Immune-mediated necrotizing myopathy, anti-SRP antibodies | 2 g/kg | 17.1 | 48.9 | 24 hours |

**Supplementary Table S1**. **Summary of data for myopathy patients**

F: Female

M: Male

HMGCR: 3-hydroxy-3-methylglutaryl-coenzyme A reductase

NXP2: antinuclear matrix protein 2

SRP: signal recognition particle