**Table S1.** Positive predictive value of anti-SAE1 autoantibody testing via line immunoblot assay for IIM

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Positive predictive value | | | | | *P*-value | | | |
| All positive patients | 10/70 (14.3%) | |  |  | | | N/A | |
| Patients with weak positive SAE1 autoantibodies | 3/60 (5.0%) | Patients with strong positive SAE1 autoantibodies | | | | 7/10 (70.0%) | | <0.001 |

NA: not available