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| Segment | Function |
| C1/C2 | Neck flexion/extension |
| C3 | Neck lateral flexion |
| C4 | Shoulder elevation |
| C5 | Shoulder abduction |
| C6 | Elbow flexion/wrist extension |
| C7 | Elbow extension/wrist flexion |
| C8 | Finger flexion |
| T1 | Finger abduction |
| L2 | Hip flexion |
| L3 | Knee extension |
| L4 | Ankle dorsi-flexion |
| L5 | Great toe extension |
| S1 | Ankle plantar-flexion/ankle eversion/  hip extension |
| S2 | Knee flexion |
| S3–S4 | Anal wink |