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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 |