

Spinal Nerve	Segment(s)
Axillary nerve	C5, C6
Common peroneal nerve	L4, L5, S1, S2
Femoral nerve	L2, L3, L4
Genitofemoral nerve	L1, L2
Iliohypogastric nerve	T12, L1
Ilioinguinal nerve	L1
Inferior gluteal nerve	L5, S1, S2
Lateral cord	C5, C6, C7
Lateral femoral cutaneous nerve	L2, L3
Long thoracic nerve	C5, C6, C7
Medial cord	C8, T1
Median nerve	C5, C6, C7, C8, T1
Musculocutaneous nerve	C5, C6, C7
Obturator nerve	L2, L3, L4
Posterior Cord	C5, C6, C7, C8, T1
Posterior femoral cutaneous nerve	S1, S2, S3
Pudendal nerve	S2, S3, S4
Radial nerve	C5, C6, C7, C8, T1
Sciatic nerve	L4, L5, S1, S2, S3
Superficial branch of radial nerve	C5, C6, C7, C8
Superior gluteal nerve	L4, L5, S1
Tibial nerve	L4, L5, S1, S2, S3
Ulnar nerve	C7, C8, T1

Muscle	Nerve	Function
Iliopsoas	Femoral	Hip Flexion and External Rotation of Hip
Pectineus	Femoral	Hip Flexion
Gluteus Maximus	Inferior Gluteal	Hip Extension and External Rotation
Biceps Femoris (long head)	Sciatic - Tibial	Hip Extension
Biceps Femoris	Sciatic - Tibial and Peroneal	Knee Flexion and Lateral Rotation of Knee
Semitendinosus	Sciatic - Tibial	Hip Extension and Knee Flexion and Medial Rotation
Semimembranosus	Sciatic - Tibial	Hip Extension and Knee Flexion and Medial Rotation
Gluteus Medius	Superior Gluteal	Hip Abduction
Gluteus Minimus	Superior Gluteal	Hip Abduction
Adductor Brevis	Obturator	Hip Flexion and Adduction
Adductor Longus	Obturator	Hip Flexion and Adduction
Adductor Magnus	Obturator, Sciatic	Hip Adduction
Gracilis	Obturator	Hip Adduction
Vastus Lateralis	Femoral	Knee Extension
Vastus Intermedius	Femoral	Knee Extension
Vastus Medialis	Femoral	Knee Extension
Rectus Femoris	Femoral	Knee Extension and Hip Flexion
Soleus	Tibial	Plantarflexion
Tibialis Anterior	Deep Peroneal	Dorsiflexion and Foot Inversion
Tibialis Posterior	Tibial	Foot Inversion
Peroneus Tertius	Deep Peroneal	Foot Eversion
Peroneus Longus	Superficial Peroneal	Foot Eversion and Plantarflexion
Peroneus Brevis	Superficial Peroneal	Foot Eversion and Plantarflexion
Gluteus Medius	Superior Gluteal	Internal Rotation of Hip
Gluteus Minimus	Superior Gluteal	Internal Rotation of Hip
Piriformis	Sacral Plexus	External Rotation of Hip
Gemellus Inferior and Superior	Sacral Plexus	External Rotation of Hip
Obturator Internus	Sacral Plexus	External Rotation of Hip
Obturator Externus	Obturator	External Rotation of Hip
Quadratus Femoris	Sacral Plexus	External Rotation of Hip
Tensor Fascia Latae	Superior Gluteal	Hip Flexion and Internal Rotation of Hip
Adductor Magnus (anterior head)	Obturator	Hip Flexion
Adductor Magnus (posterior head)	Sciatic	Hip Extension
Tensor Fascia Latae	Superior Gluteal	Hip Abduction
Pectineus	Femoral	Hip Adduction
Gastrocnemius	Tibial	Knee Flexion and Plantarflexion
Plantaris	Tibial	Knee Flexion and Plantarflexion
Popliteus	Tibial	Medial Rotation and Flexion of Knee
Tensor Fascia Latae	Superior Gluteal	Knee Extension
Tibialis Posterior	Tibial	Plantarflexion
Flexor Hallucis Longus	Tibial	Plantarflexion
Flexor Digitorum Longus	Tibial	Plantarflexion
Extensor Digitorum Longus	Deep Peroneal	Dorsiflexion
Peroneus Tertius	Deep Peroneal	Dorsiflexion
Extensor Hallucis Longus	Deep Peroneal	Dorsiflexion
Adductor Magnus (anterior head)	Obturator	Internal Rotation of Hip
Sartorius	Femoral	External Rotation, Abduction of Hip, Medial Rotation of Knee
Gracilis	Obturator	Flexion and Medial Rotation of Knee

Muscle	Nerve	Function
Sternocleidomastoideus	Cervical Spinal Accessory	Neck Flexion
Trapezius, Deep Neck Muscles	Cervical Spinal Accessory	Neck Extension, Neck Rotation, Neck Lateral Bending
Upper Trapezius	Spinal Accessory	Sh Shrug, Scapula Upward Rot.
Pectoralis Major And Minor	Medial/Lateral Pectoral	Sh. Horizontal Adduction
Pectoralis Minor	Medial Pectoral	Scapular Downward Rotation
Serratus Anterior	Long Thoracic	Sh Protraction, Scapular Upward Rotation
Levator Scapula (Together With LoweR Trapezius)	Dorsal Scapular	Scapular Elevation, Downward Rotation
Rhomboids	Dorsal Scapular	Scapular Elevation, Adduction And Downward Rot.
Supraspinatus	Suprascapular	Sh Abduction
Infraspinatus	Suprascapular	Sh Lat. Rotation
Latissimus Dorsi, Teres Major, Subscapularis	Subscapular, Thoracodorsal	Sh Medial Rotation, Adduction
Deltoid	Axillary	Sh Abduction, Flexion, Extension
Teres Minor	Axillary	Sh Lateral Rotation
Biceps Brachii	Musculocutaneous	Elbow Flexion, Forearm Supination
Coracobrachialis	Musculocutaneous	Sh Flexion, Adduction
Brachialis	Musculocutaneous	Elbow Flexion
Flexor Digitorum Profundus (Ulnar Part)	Ulnar	4th&5th Dip Flexion
Flexor Carpi Ulnaris	Ulnar	Wrist Ulnar Flexion
Adductor Pollicis	Ulnar	Thumb Adduction
Abductor Digiti Quinti	Ulnar	5th Digit Abduction
Opponens Digiti Quinti	Ulnar	5th Digit Opposition
Flexor Digiti Quinti Brevis	Ulnar	5th Digit Mcp Flexion
Interossei	Ulnar	2nd To 5th Digit Mcp Flexion, Adduction, Abduction
Pronator Teres, Pronator Quadratus	Median	Forearm Pronation
Flexor Carpi Radialis	Median	Wrist Radial Flexion
Palmaris Longus	Median	Wrist Flexion
Flexor Digitorum Sublimis	Median	2nd To 5th Digit Pip Flexion
Flexor Pollicis Longus	Median	Thumb Ip Flexion
Flexor Digitorum Profundus(Radial Part)	Median	2nd-3rd Digit Dip Flexion
Abductor Pollicis Brevis	Median	Thumb Abduction
Flexor Pollicis Brevis	Median	Thumb Mcp Flexion
Opponens Pollicis	Median	Thumb Opposition
Lumbricals	Median	2nd-5th Digit Mcp Flexion, Ip Extension
Brachioradialis	Radial	Elbow Flexion (And Pronation)
Triceps Brachii, Anconeus	Radial	Elbow Extension
Extensor Carpi Radialis	Radial	Wrist Radial Extension
Ext. Digitorum Communis, Ext. Digiti Quinti Proprius	Radial	2nd-5th Digit Mcp, Ip Extension
Extensor Carpi Ulnaris	Radial	Wrist Ulnar Extension
Supinator	Radial	Forearm Supination
Abductor Pollicis Longus	Radial	Thumb Mcp Abduction
Extensor Pollicis Longus/Brevis	Radial	Thumb Extension
Extensor Indicis Proprius	Radial	2nd Digit Extension