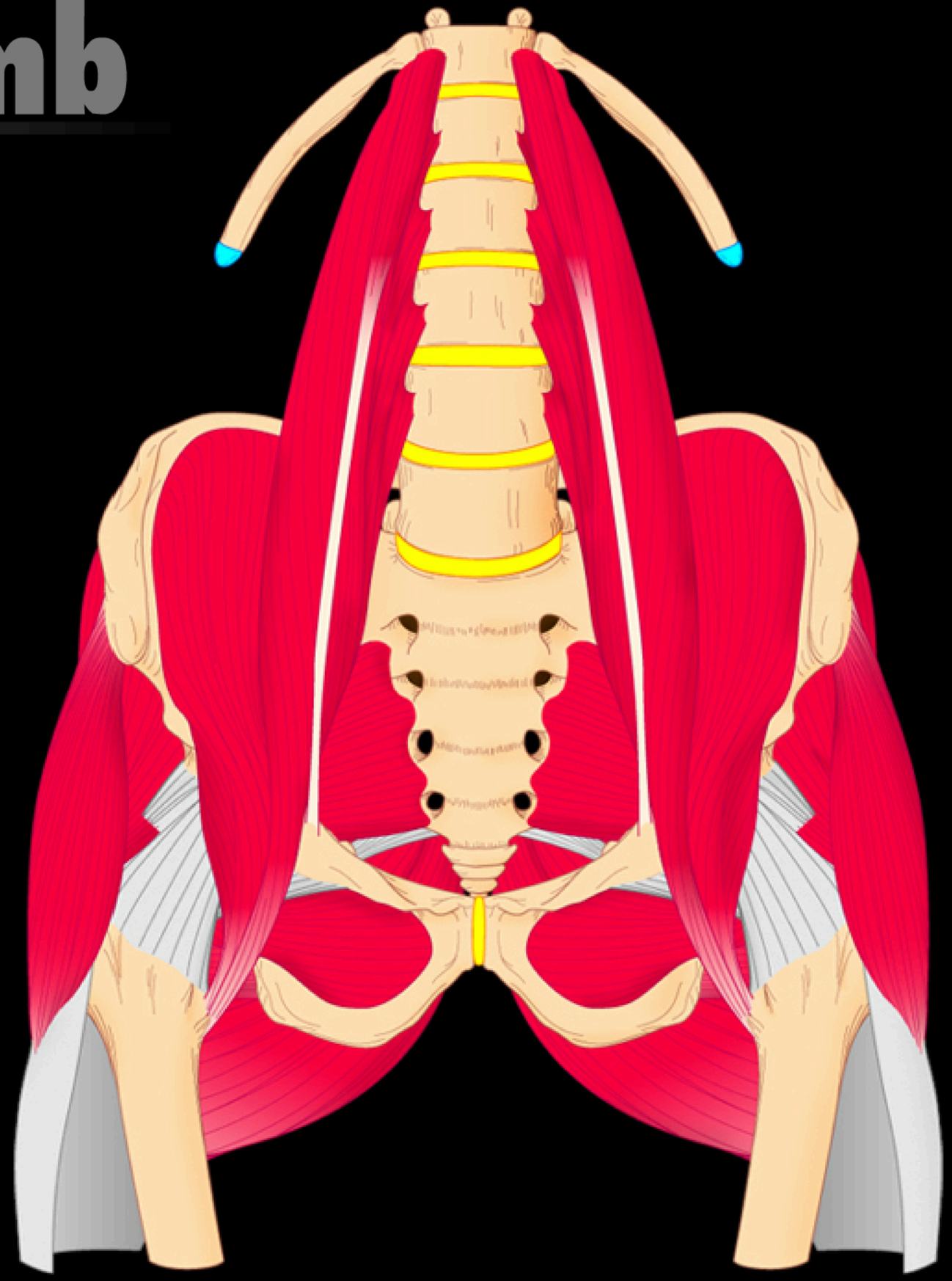
Inferior Limb



Inferior Limb

Inferior Limb Innervation

Lumbosacral Plexus



Inferior Limb

Inferior Limb Innervation

Lumbosacral Plexus

Femoral nerve

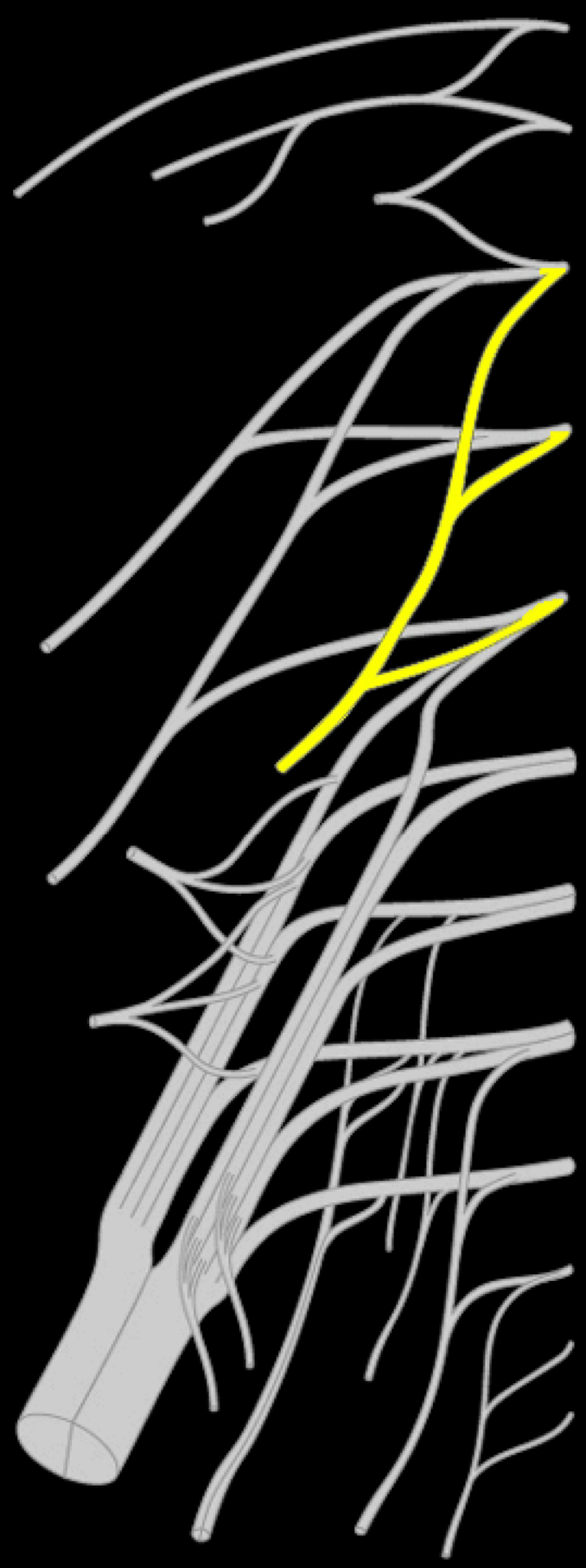


Inferior Limb

Inferior Limb Innervation

Lumbosacral Plexus

Obturator nerve

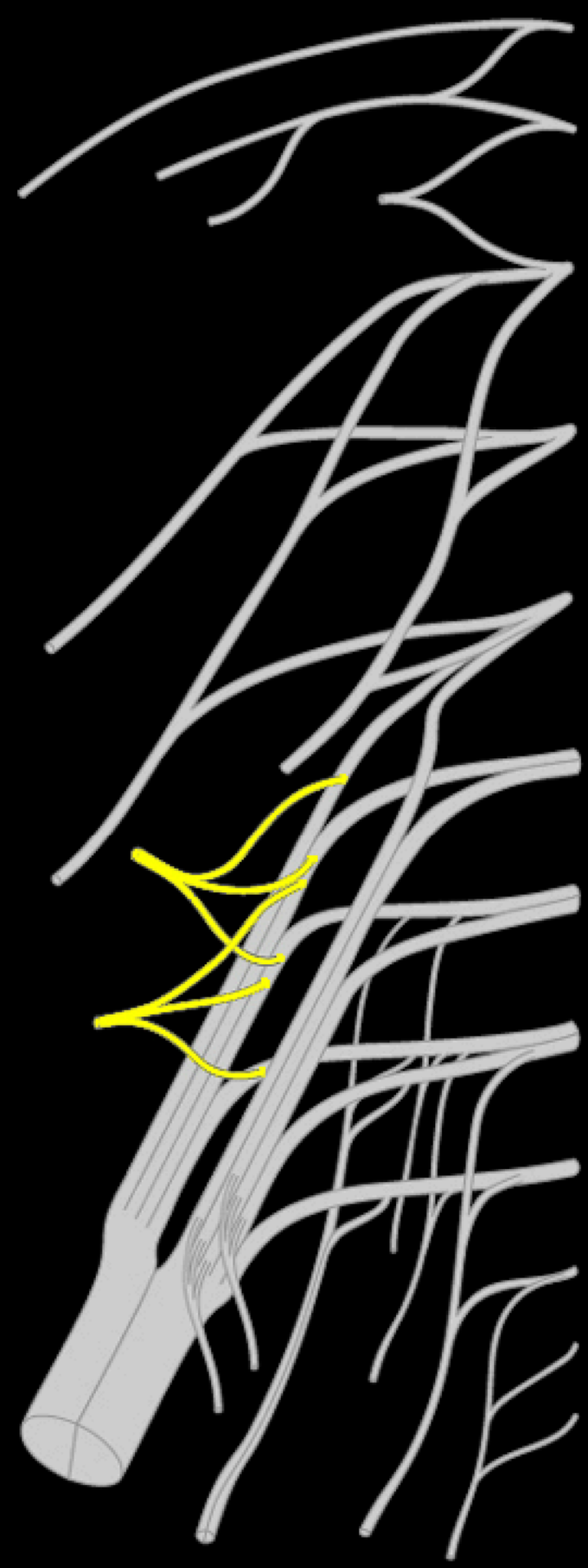


Inferior Limb

Inferior Limb Innervation

Lumbosacral Plexus

- Gluteal nerves
  - Superior gluteal nerve
  - Inferior gluteal nerve



Inferior Limb

Inferior Limb Innervation

Lumbosacral Plexus

Sciatic nerve



Inferior Limb

Inferior Limb Innervation

Lumbosacral Plexus

Common fibular nerve



Inferior Limb

Inferior Limb Innervation

Lumbosacral Plexus

Tibial nerve



Inferior Limb

Inferior Limb Innervation

Anterior versus Posterior Divisions

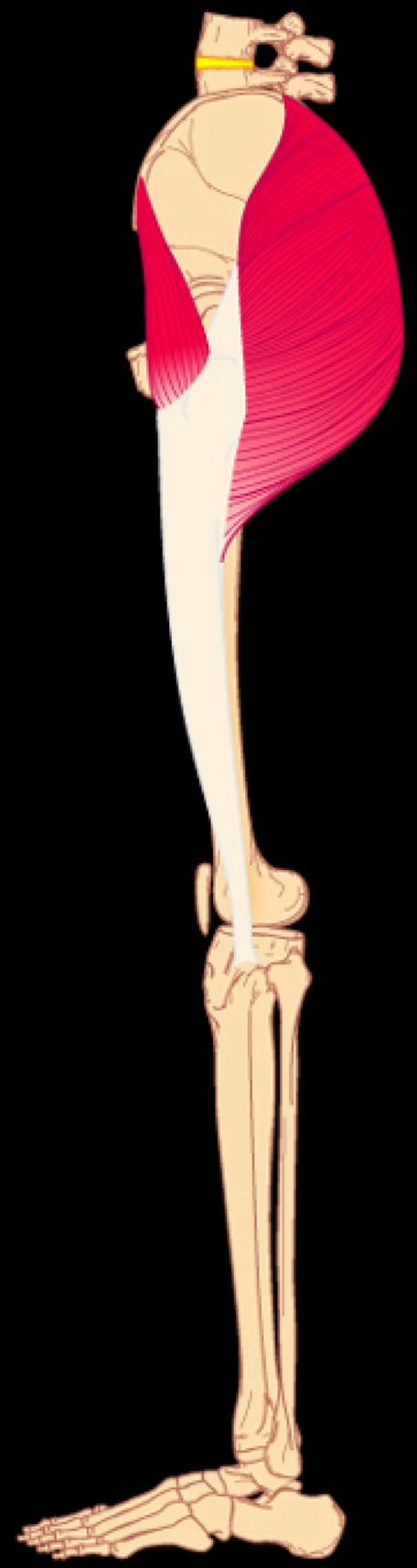


Inferior Limb

Fascia of the Inferior Limb

Fascia

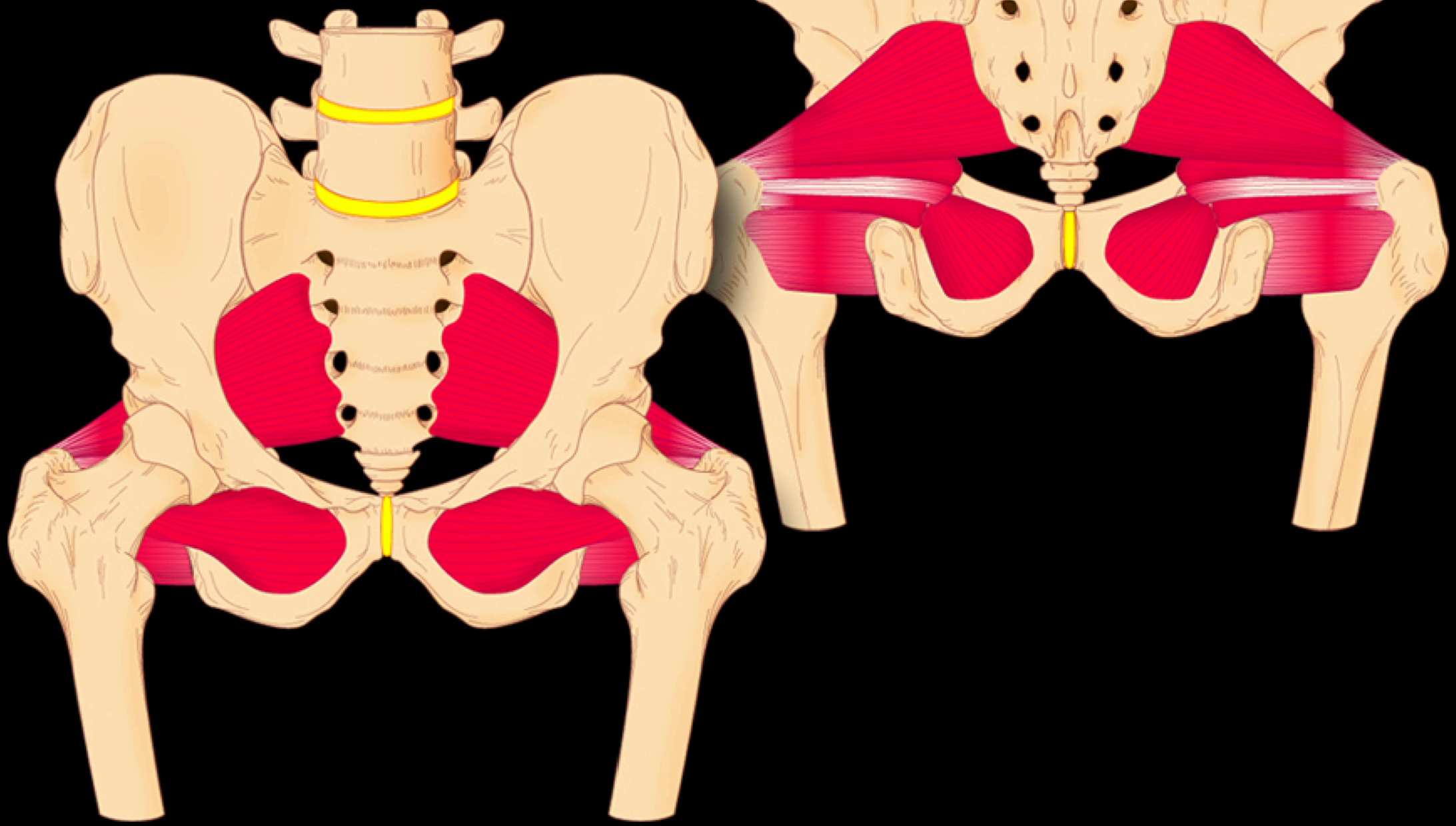
- Fascia lata
  - Iliotibial tract
- Crural fascia



Inferior Limb

Lower Limb Muscle Groups

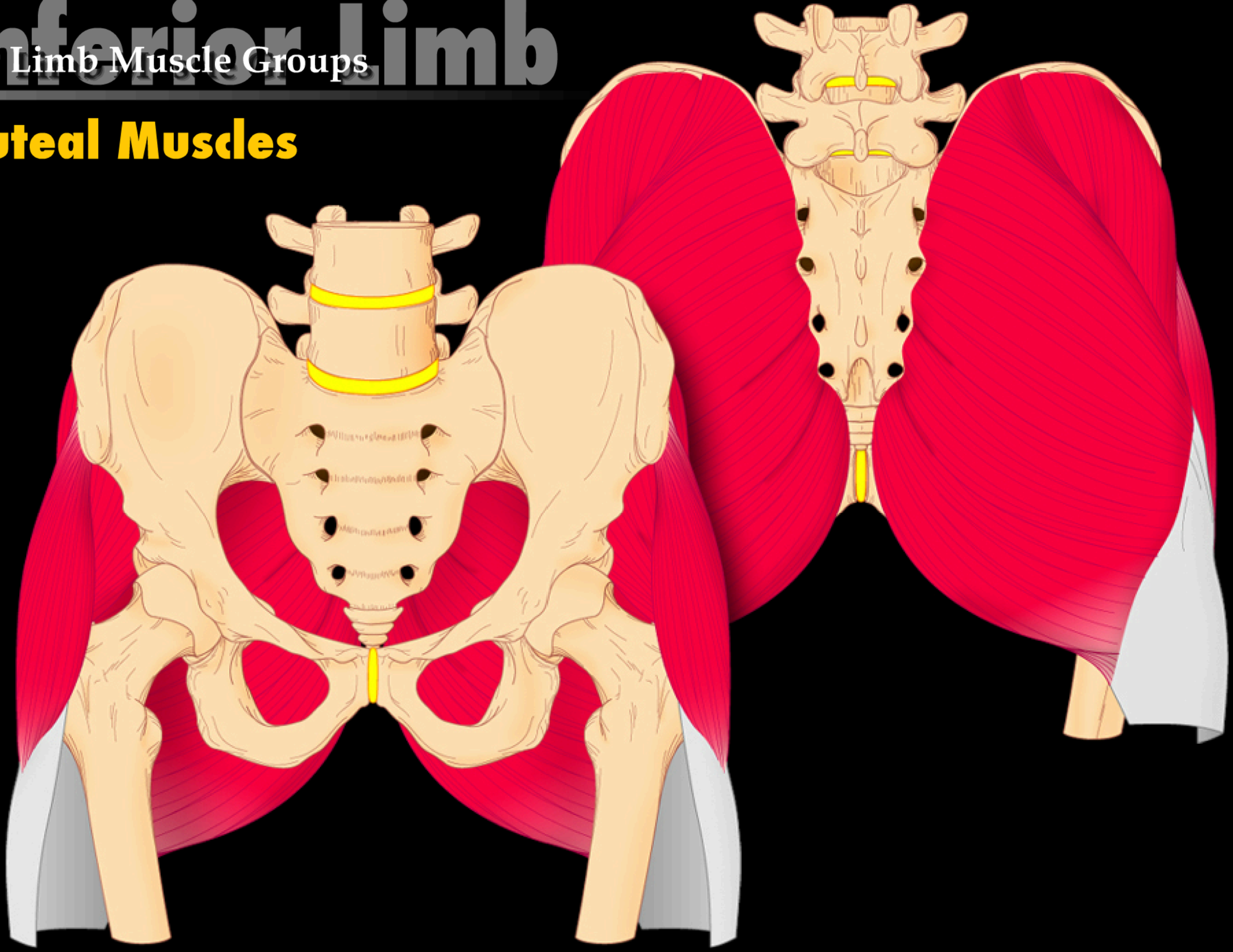
Deep Hip Rotators



Inferior Limb

Lower Limb Muscle Groups

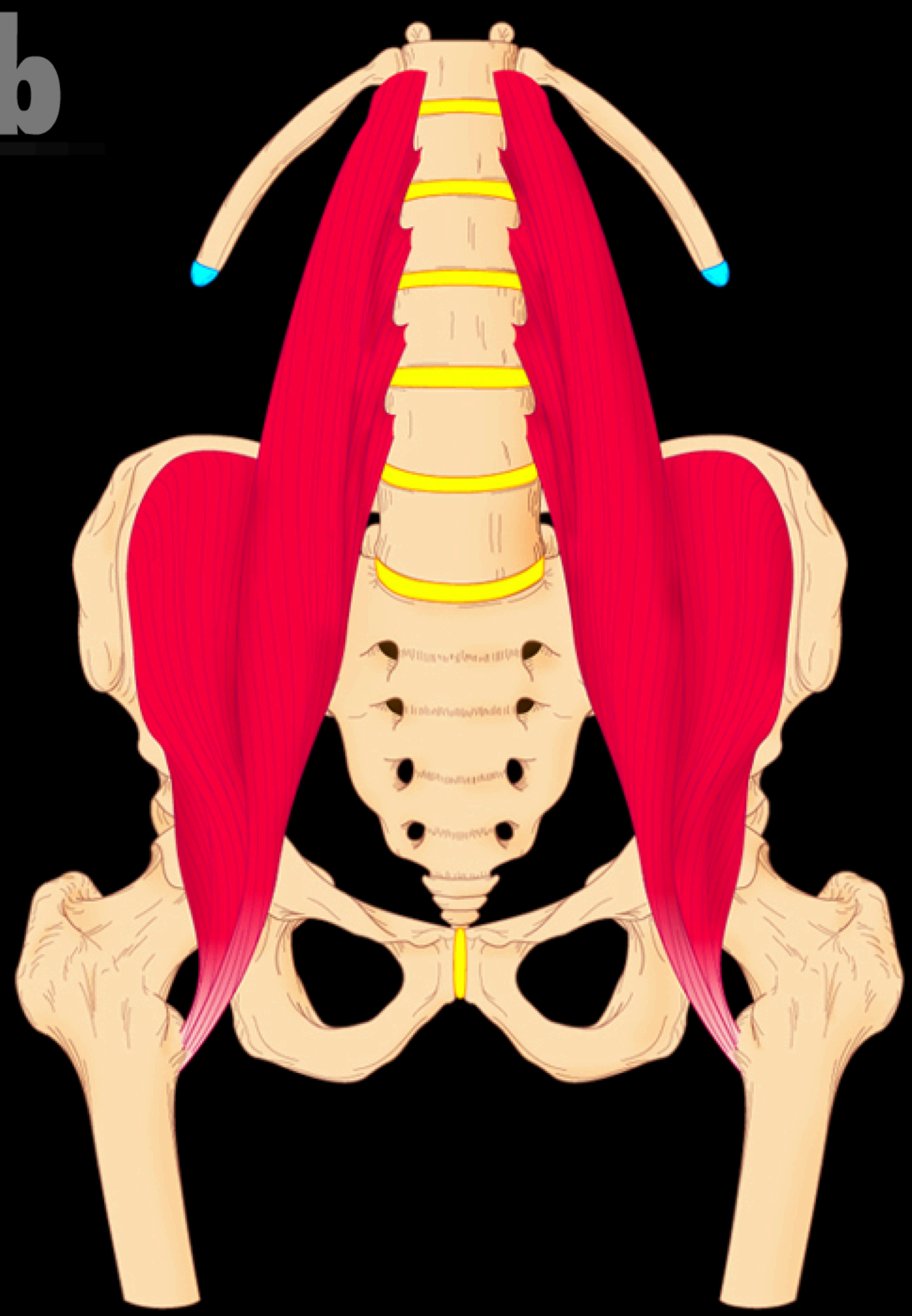
Gluteal Muscles



Inferior Limb

Lower Limb Muscle Groups

Hip Flexors



Inferior Limb

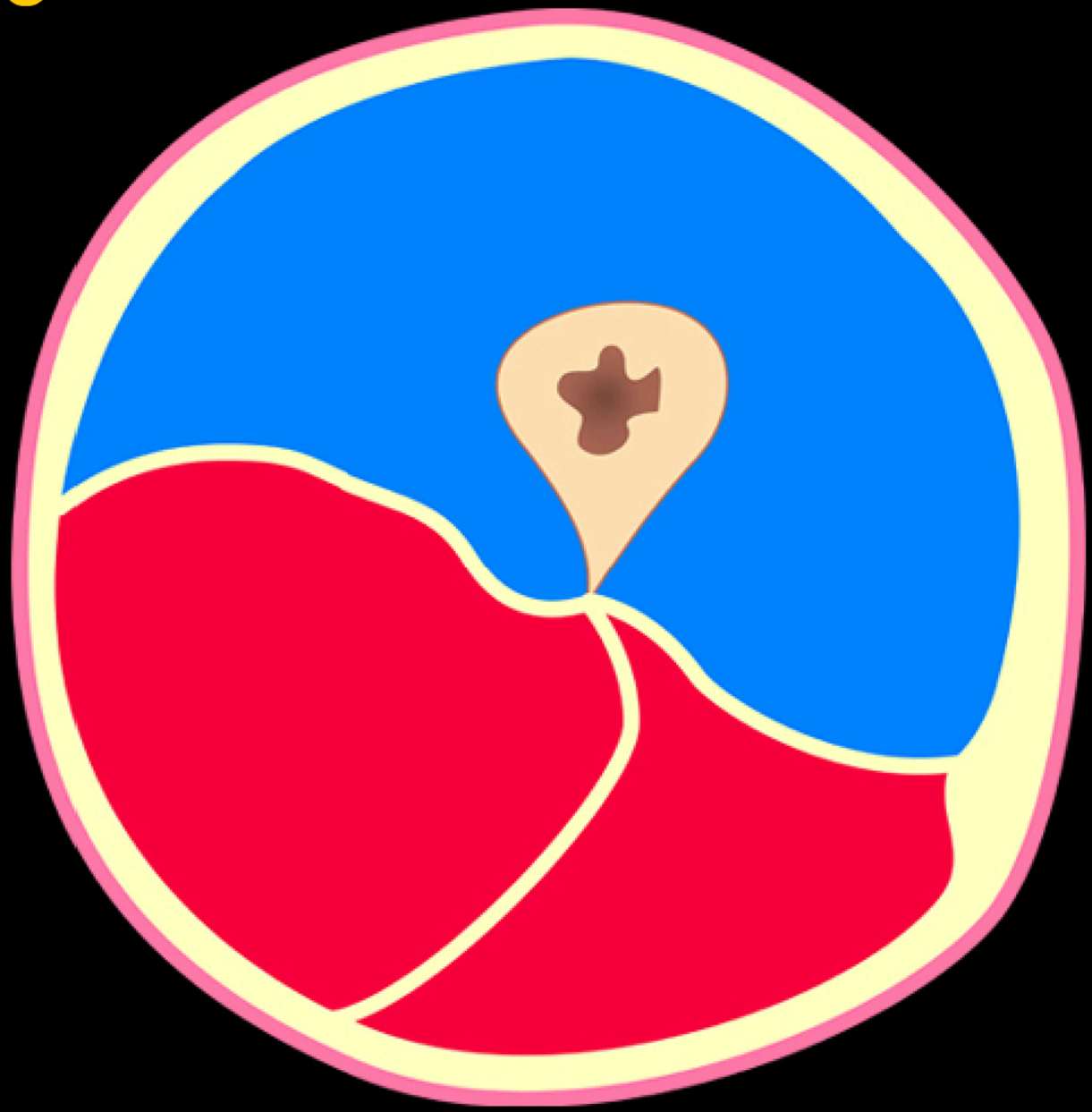
Lower Limb Muscle Groups

Compartments of the Thigh

Anterior compartment

Medial compartment

Posterior compartment



Inferior Limb

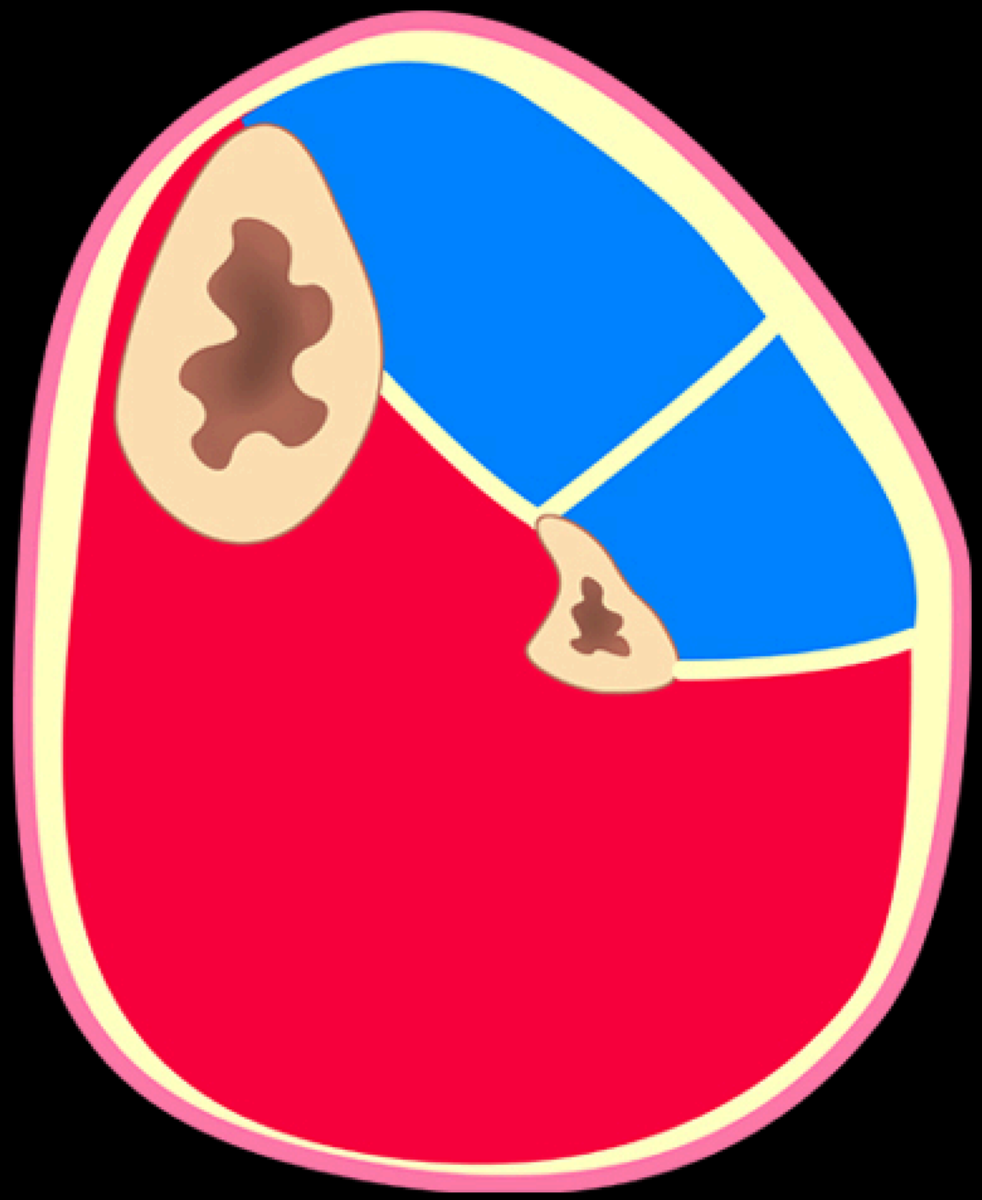
Lower Limb Muscle Groups

Compartments of the Crus

Anterior compartment

Lateral compartment

Posterior compartment



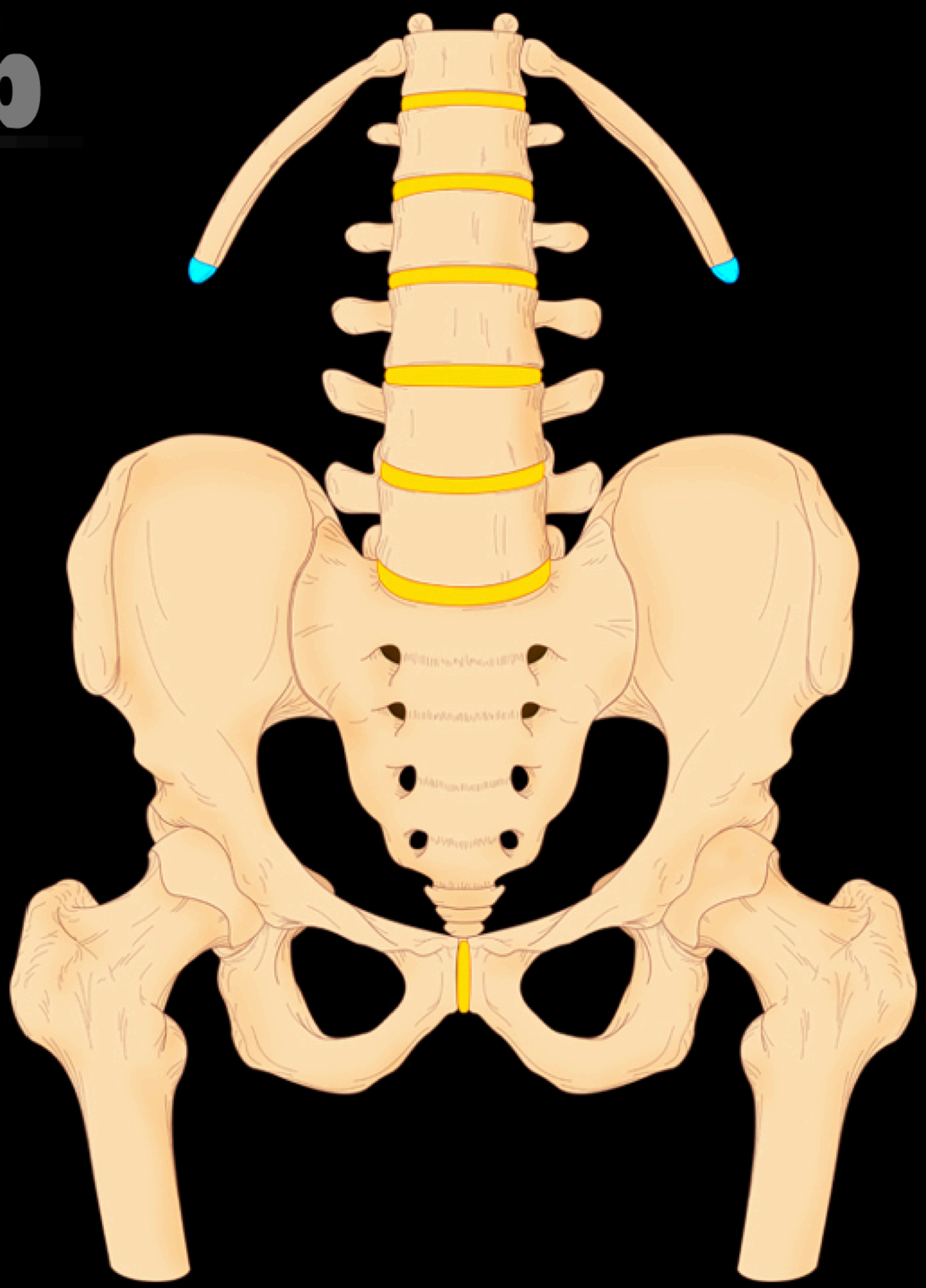
Inferior Limb

Hip Joint

Joint Structure

Type of Joint

Articulations

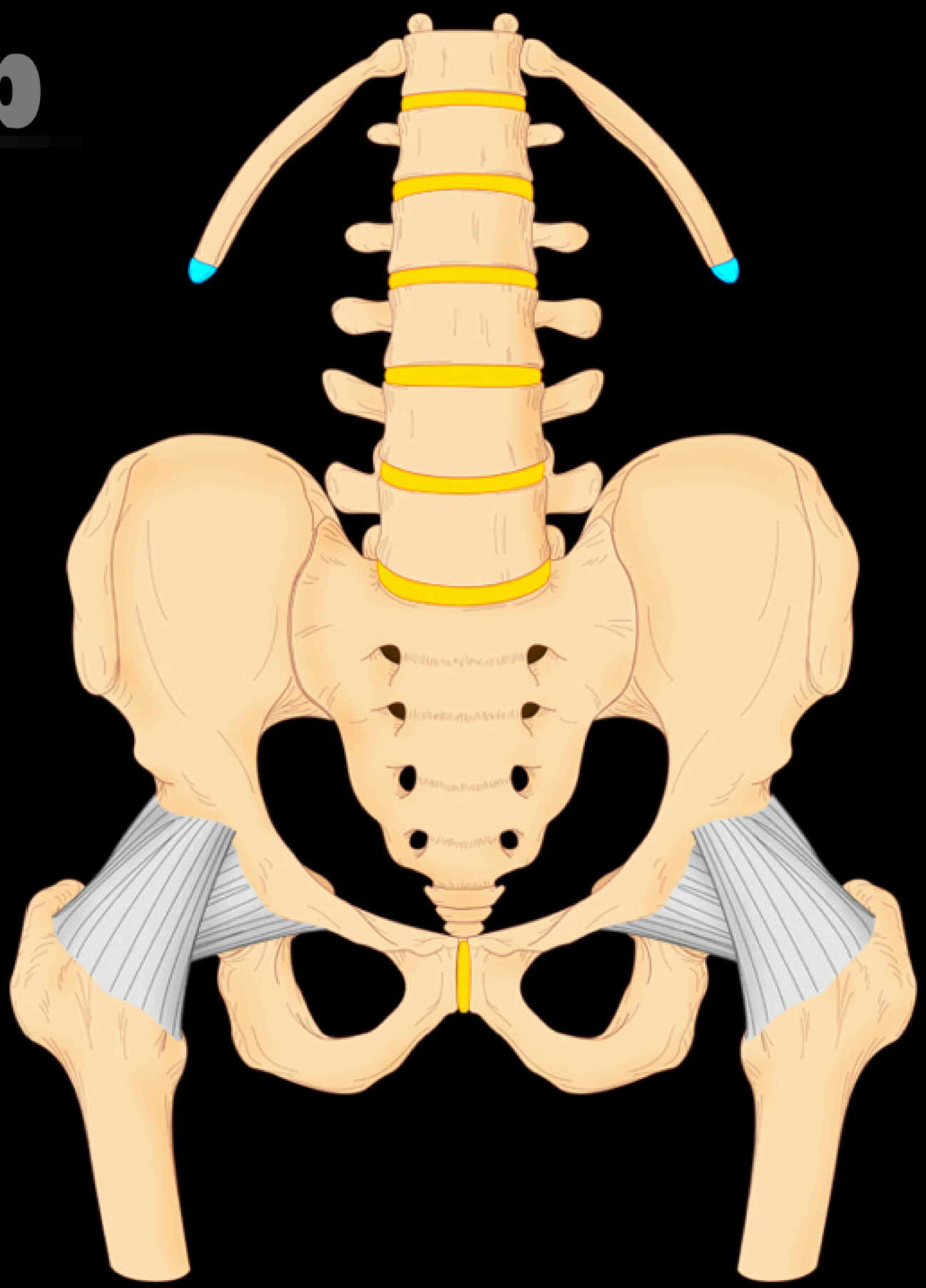


Inferior Limb

Hip Joint

Ligaments

Pubofemoral ligament

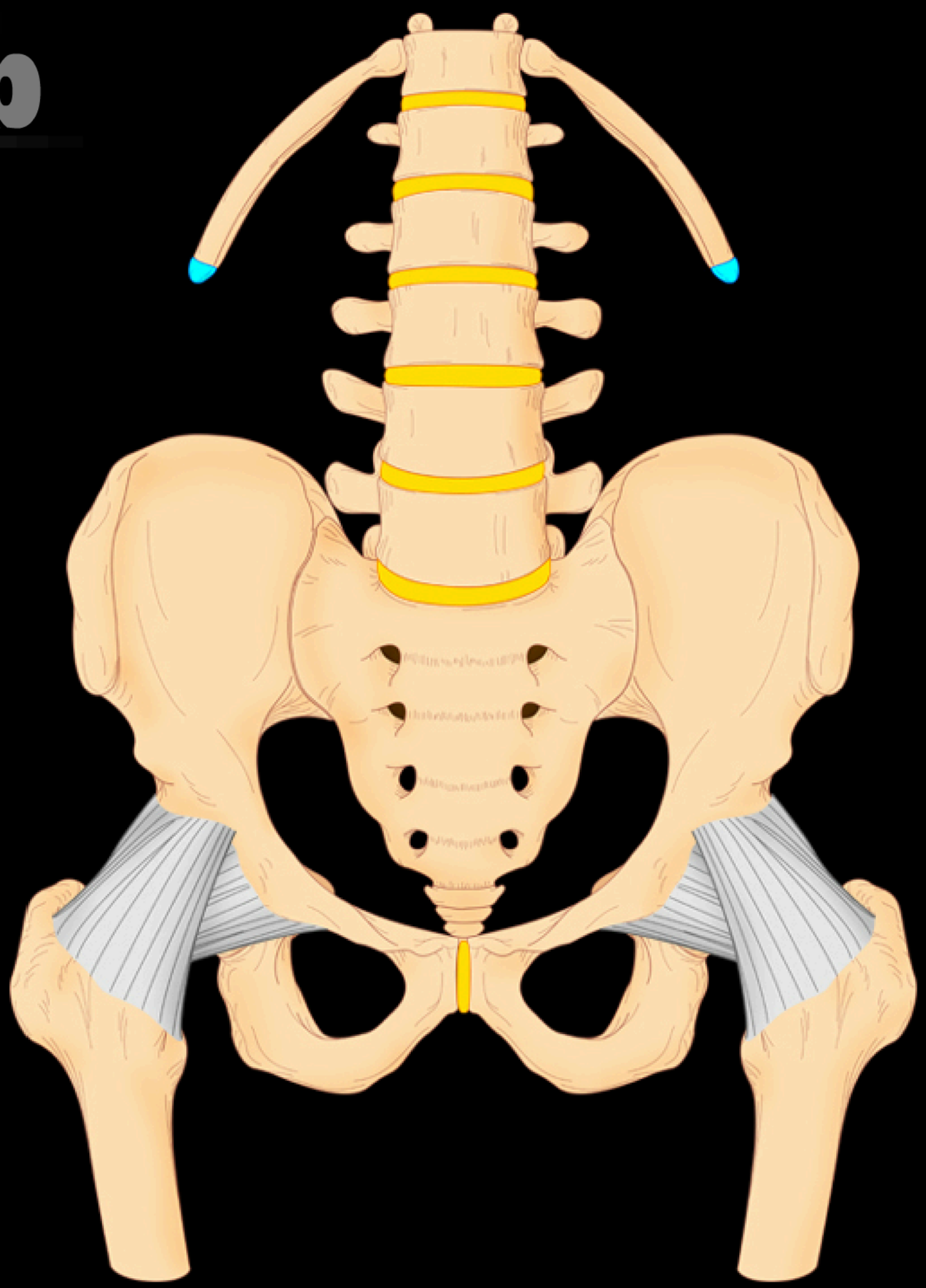


Inferior Limb

Hip Joint

Ligaments

Iliofemoral ligament

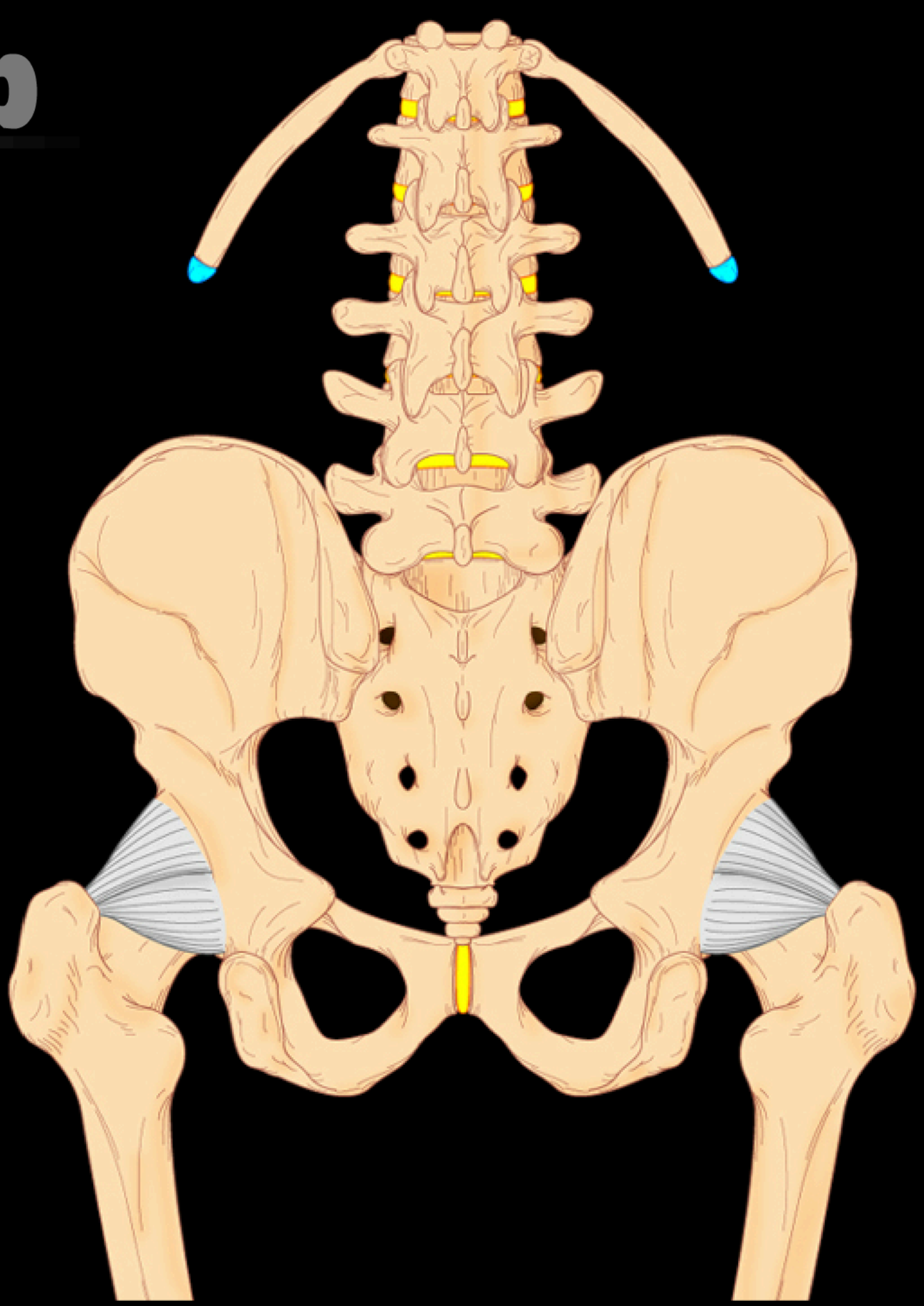


Inferior Limb

Hip Joint

Ligaments

Iliofemoral ligament

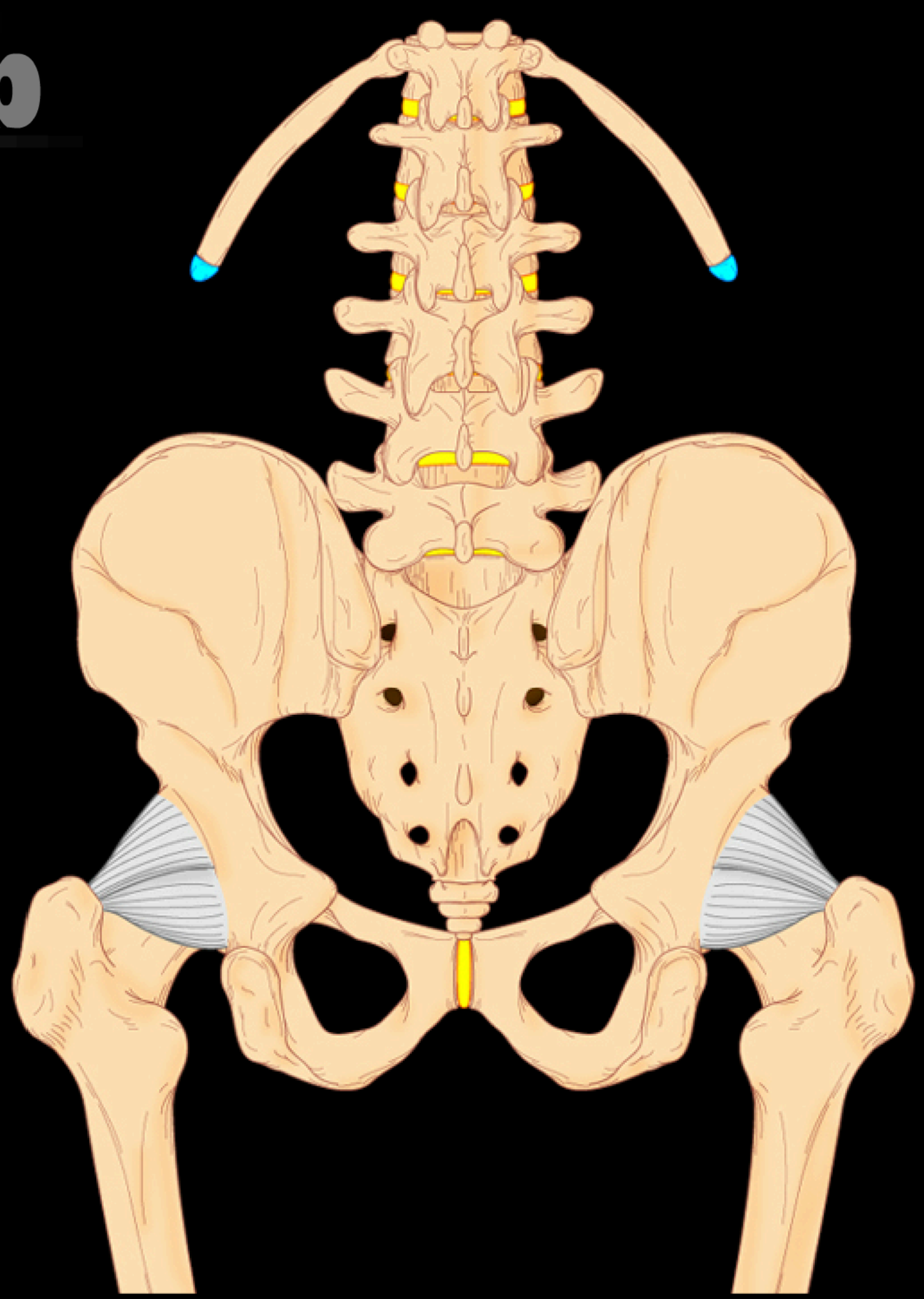


Inferior Limb

Hip Joint

Ligaments

Ischiofemoral ligament

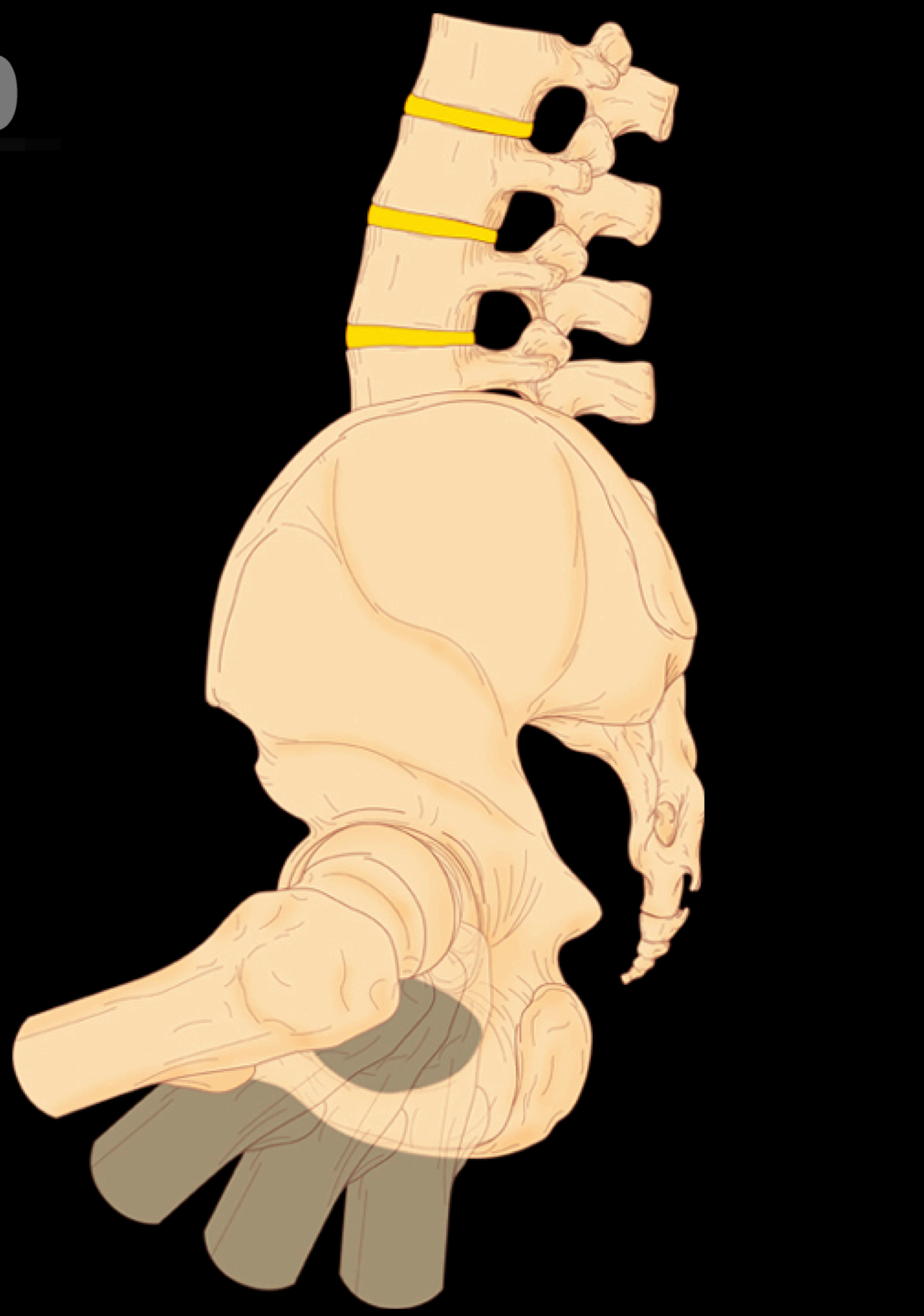


Inferior Limb

Hip Joint

Movements

Flexion

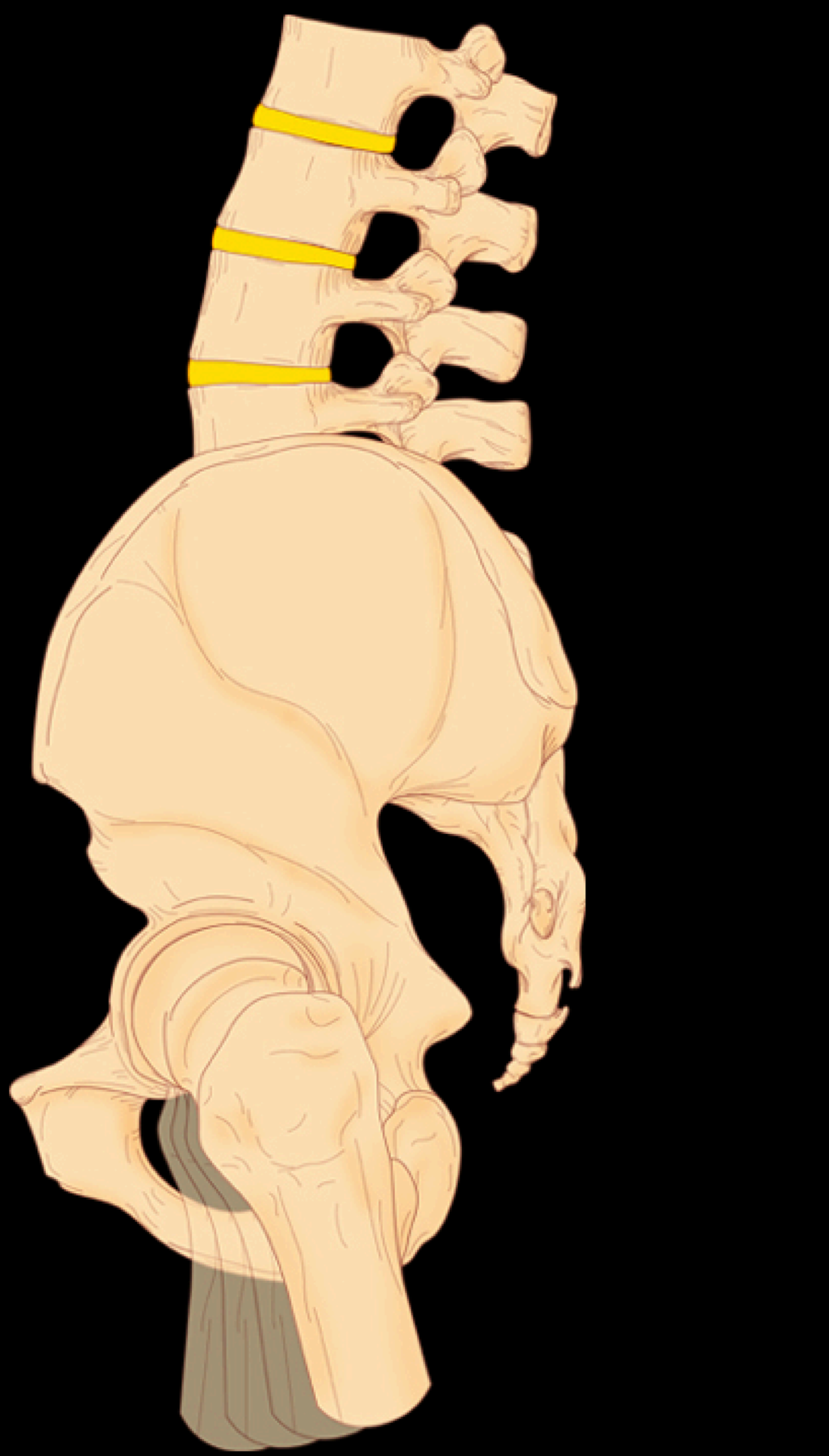


Inferior Limb

Hip Joint

Movements

Extension

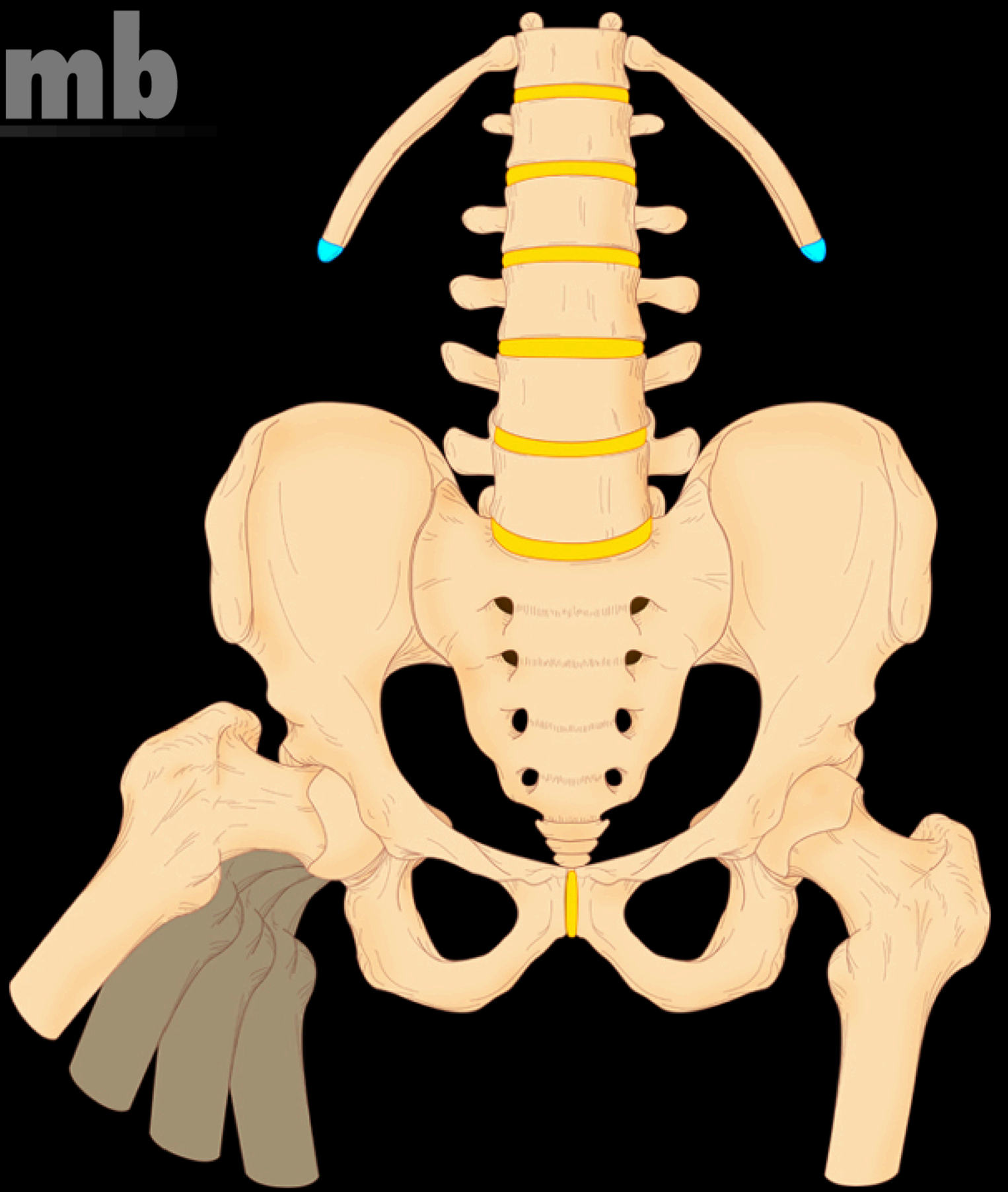


Inferior Limb

Hip Joint

Movements

Abduction

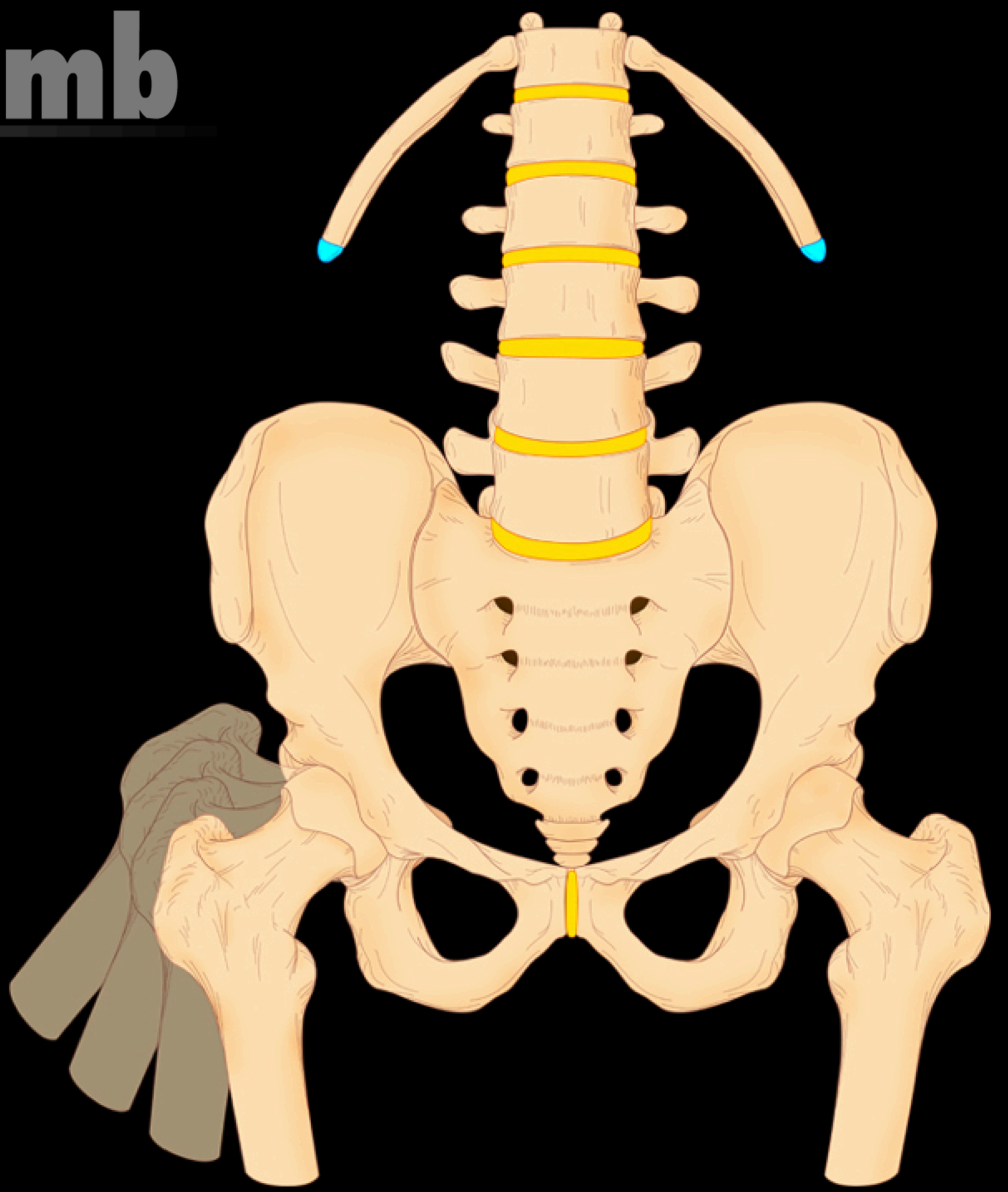


Inferior Limb

Hip Joint

Movements

Adduction

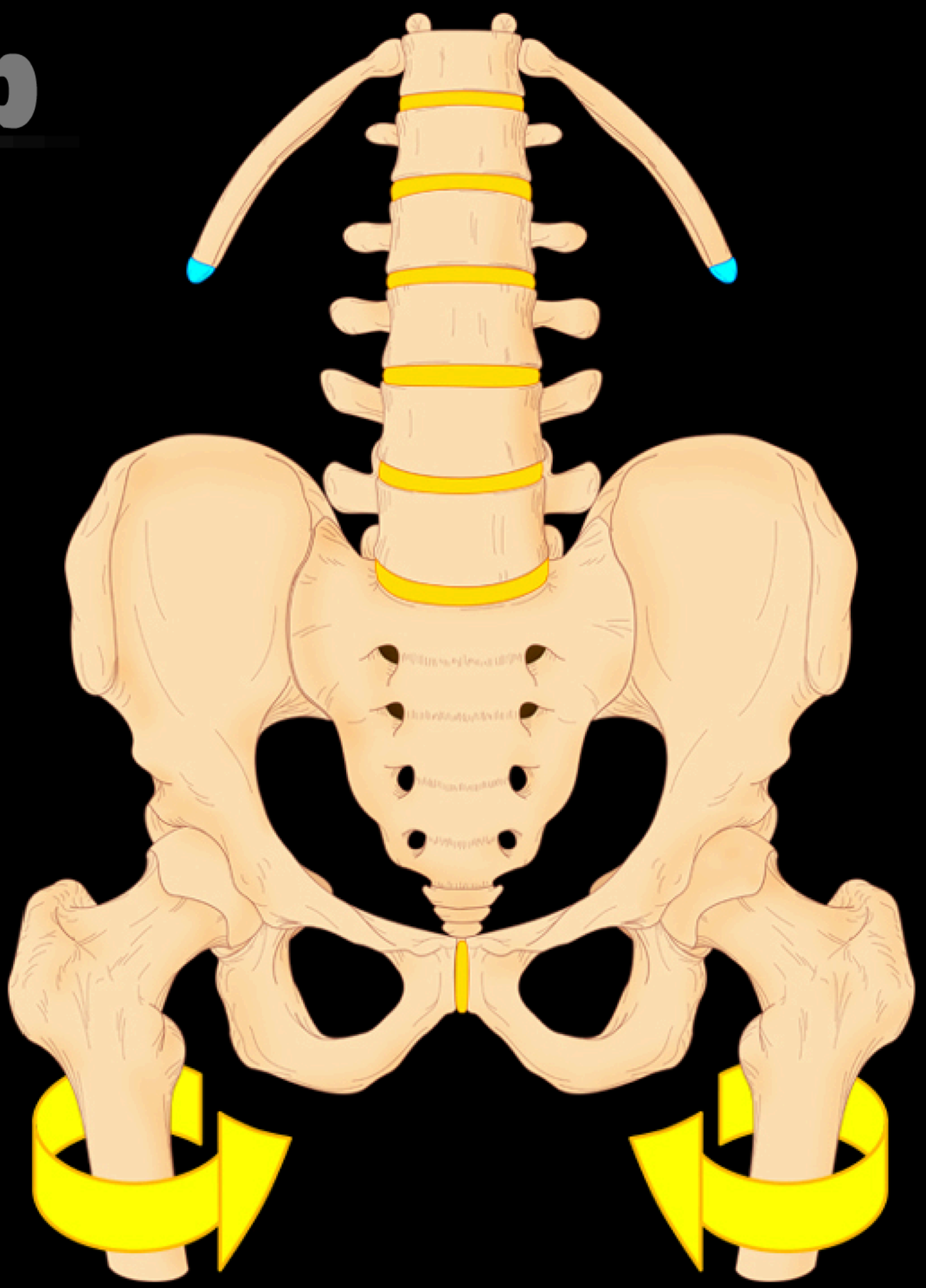


Inferior Limb

Hip Joint

Movements

Medial rotation

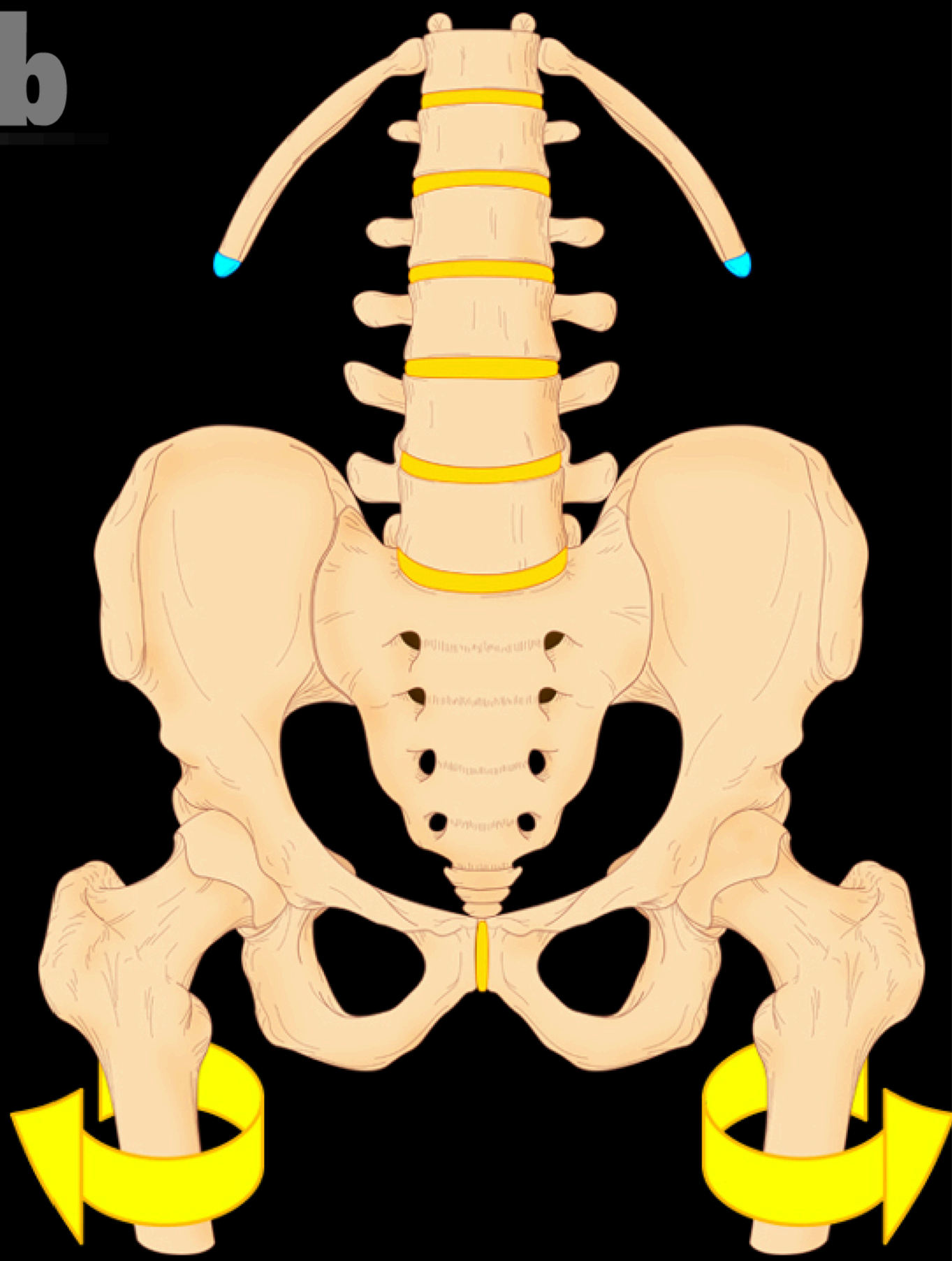


Inferior Limb

Hip Joint

Movements

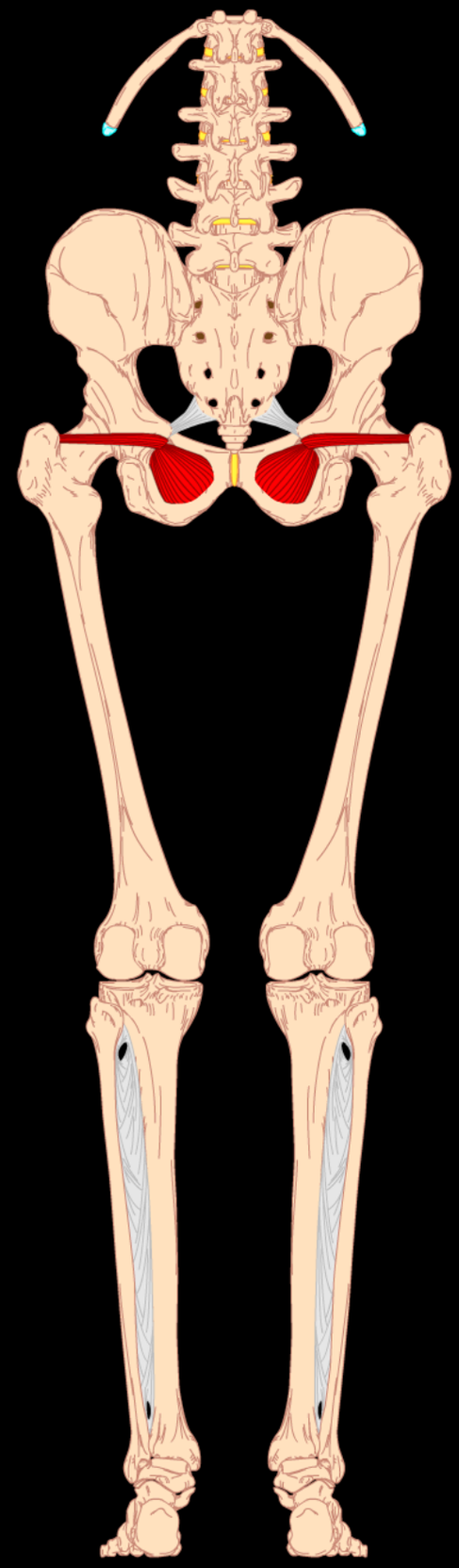
Lateral rotation



Inferior Limb

Deep Hip Rotators

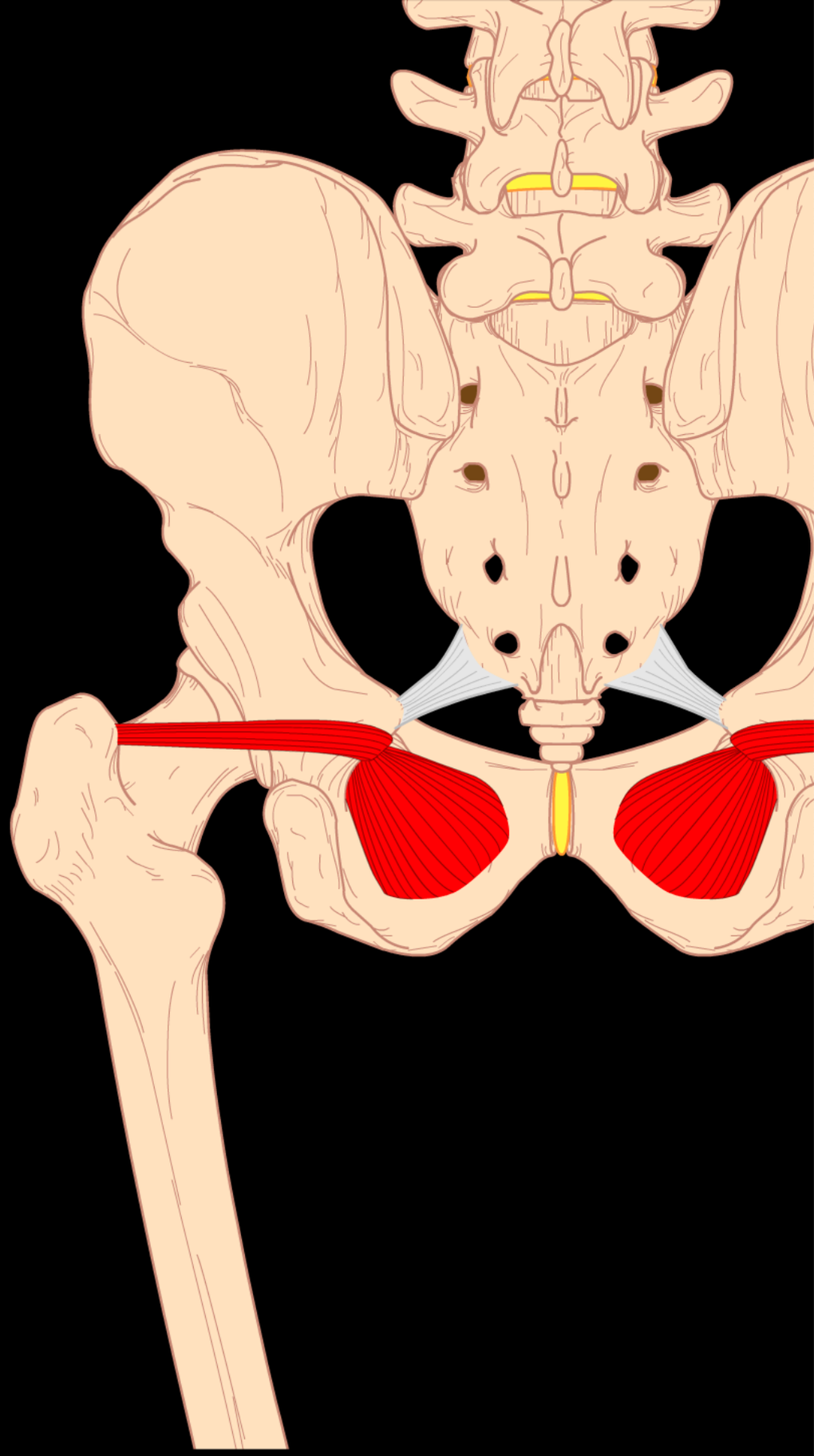
Obturator internus



Inferior Limb

Deep Hip Rotators

Obturator internus



Inferior Limb

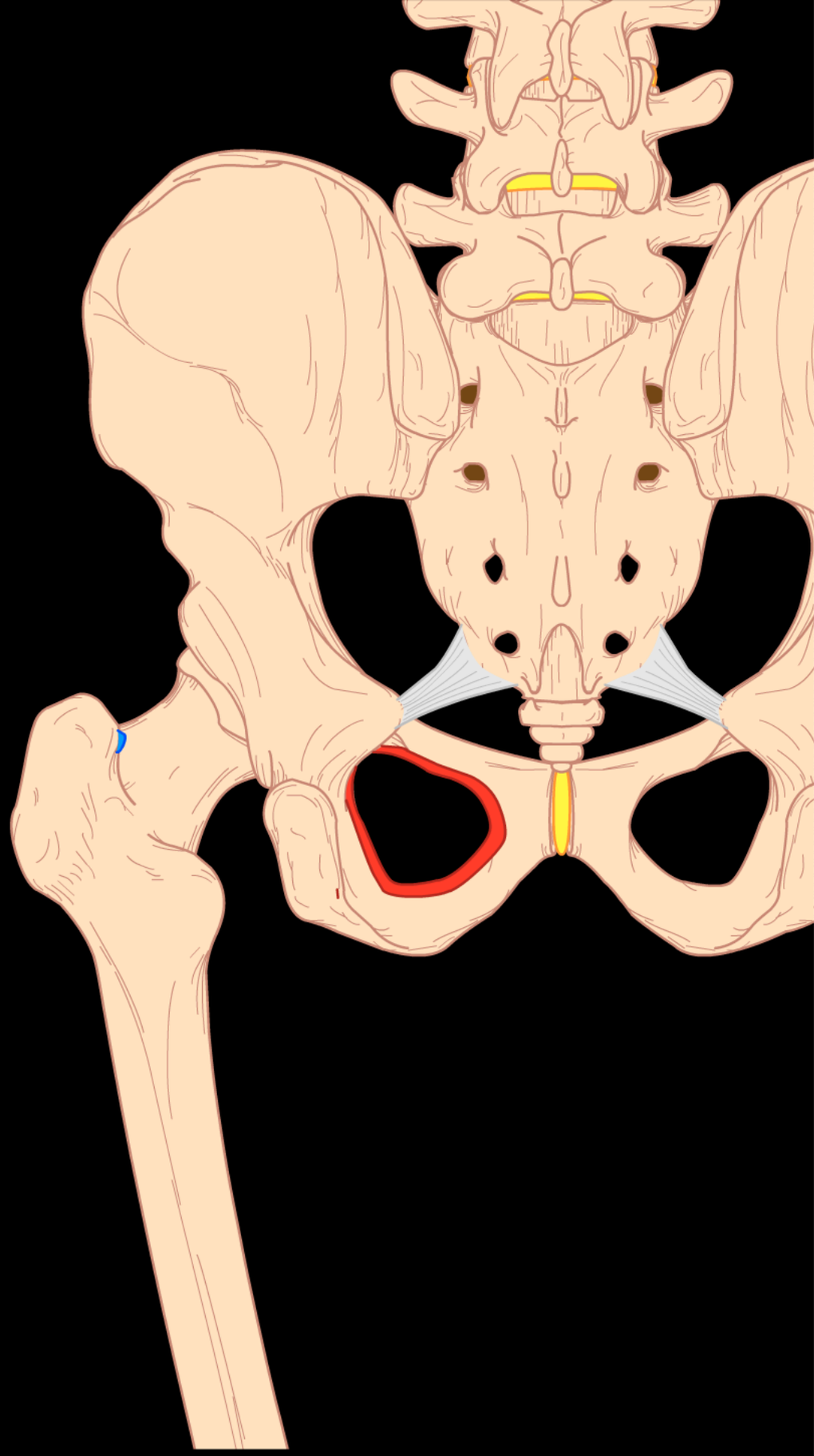
Deep Hip Rotators

Obturator internus

Attachments

Origin

Insertion

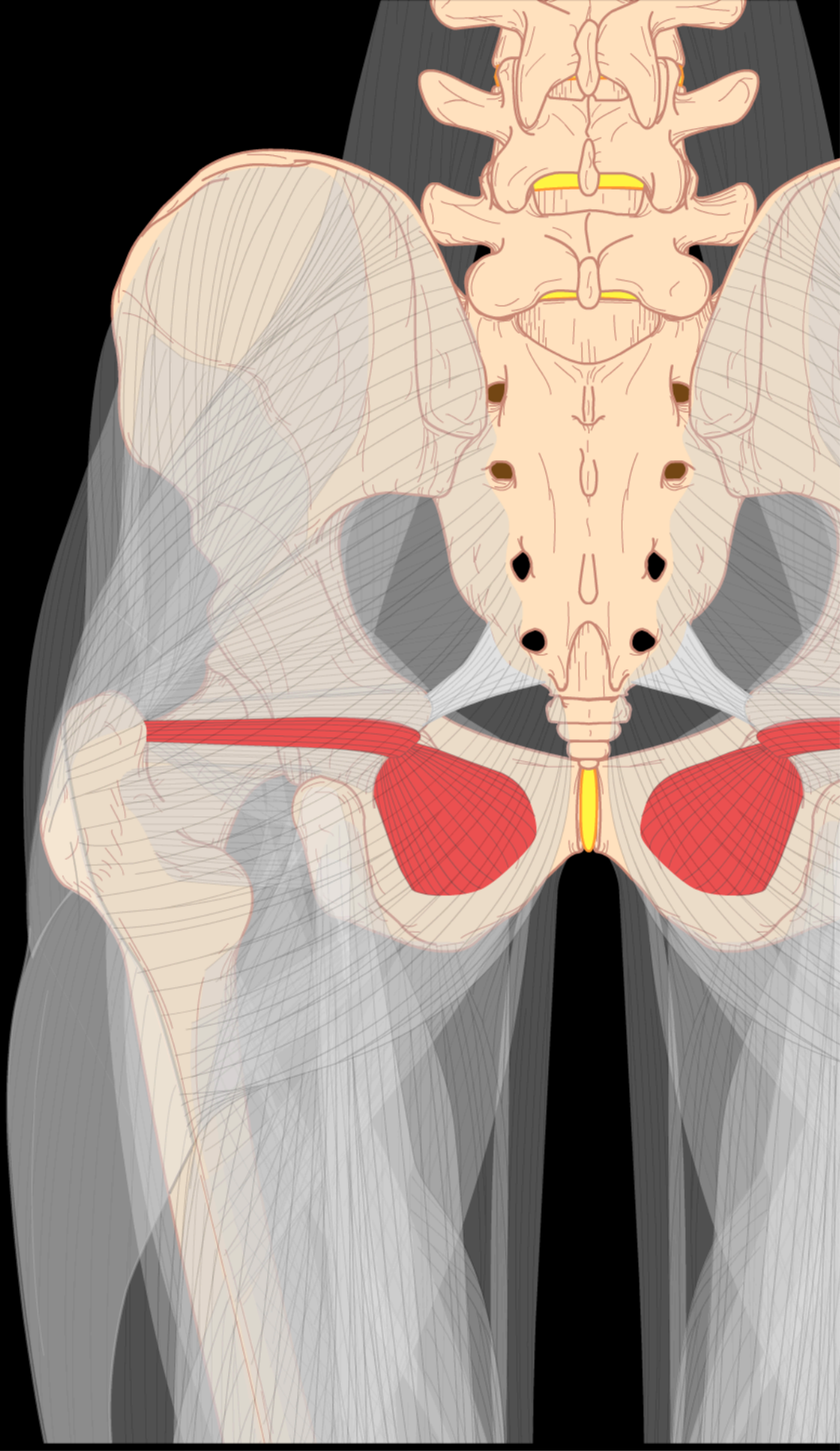


Inferior Limb

Deep Hip Rotators

Obturator internus

Topography

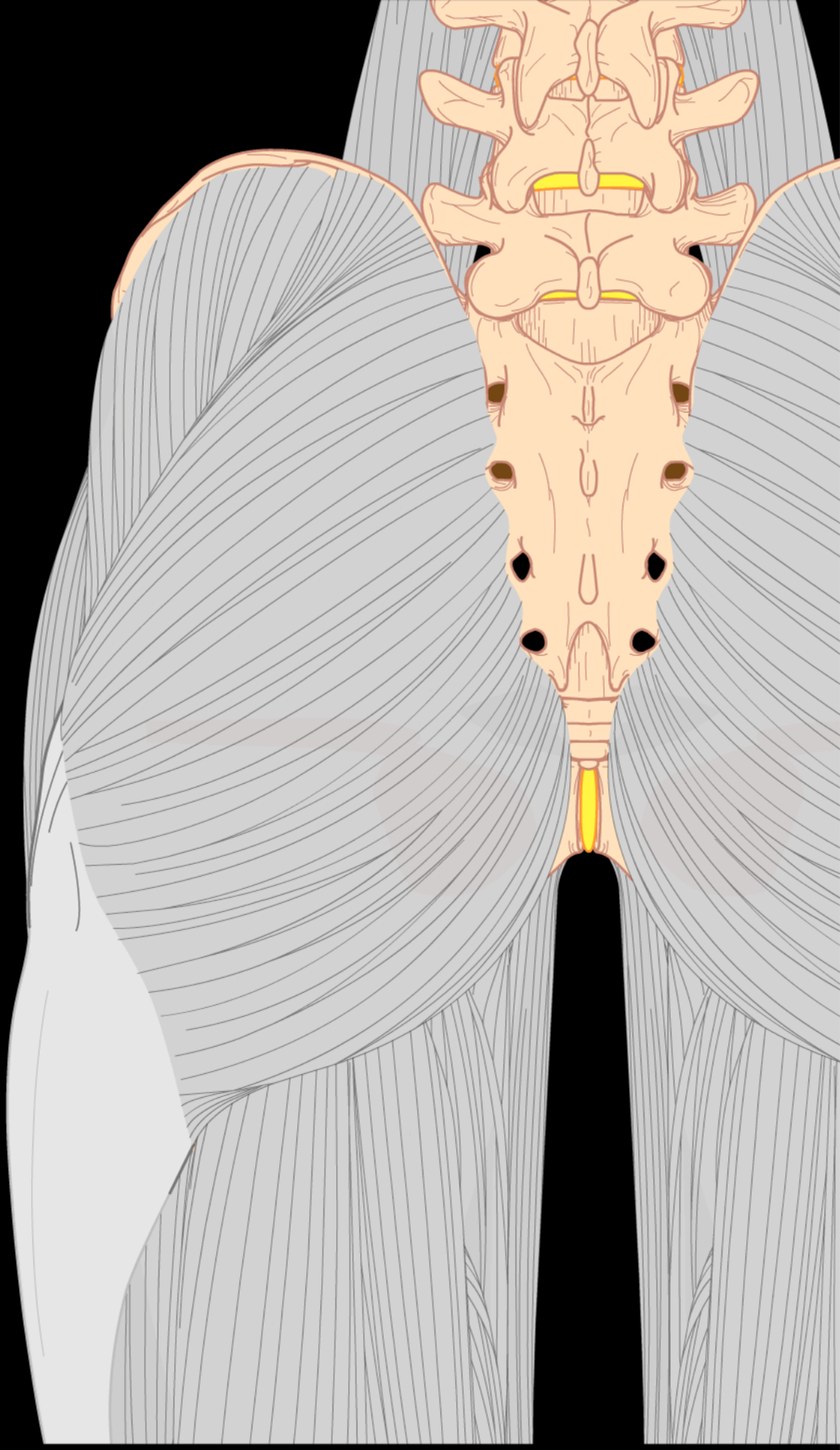


Inferior Limb

Deep Hip Rotators

Obturator internus

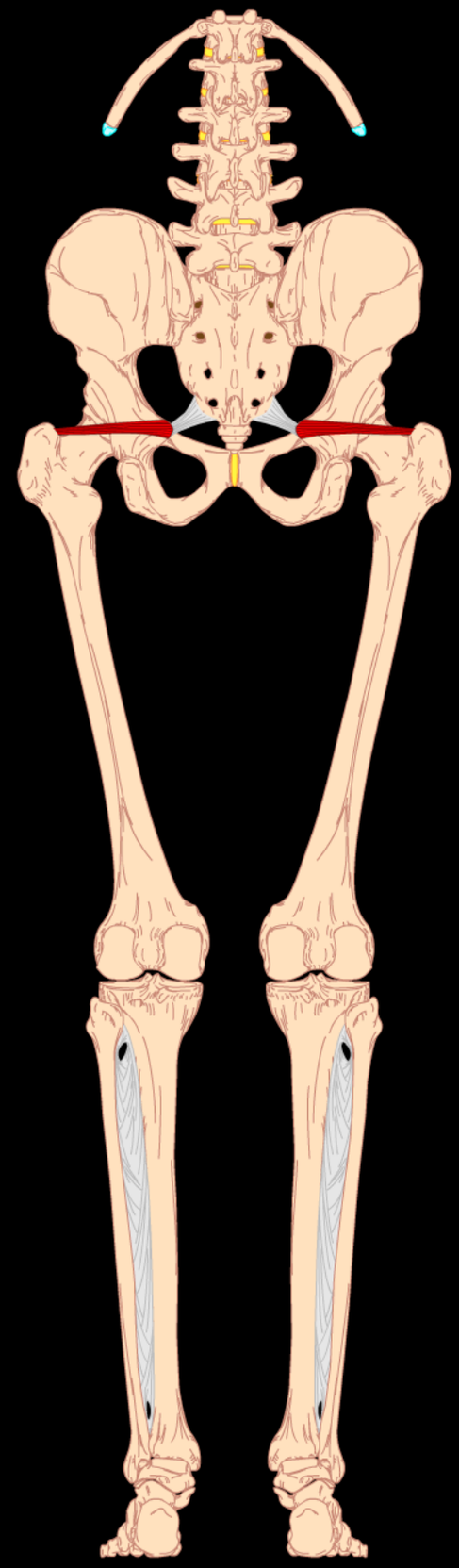
Topography



Inferior Limb

Deep Hip Rotators

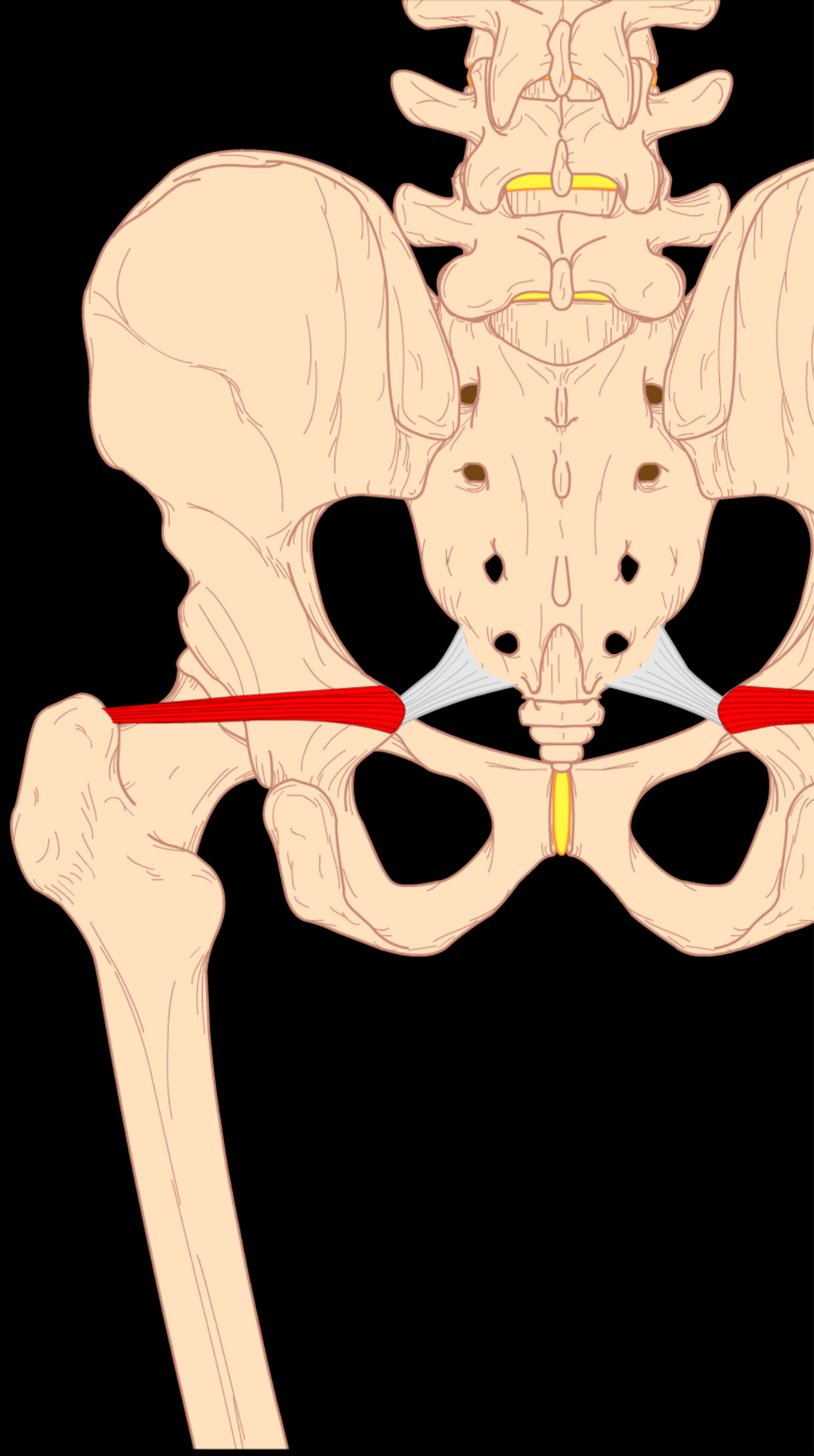
Superior gemellus



Inferior Limb

Deep Hip Rotators

Superior gemellus



Inferior Limb

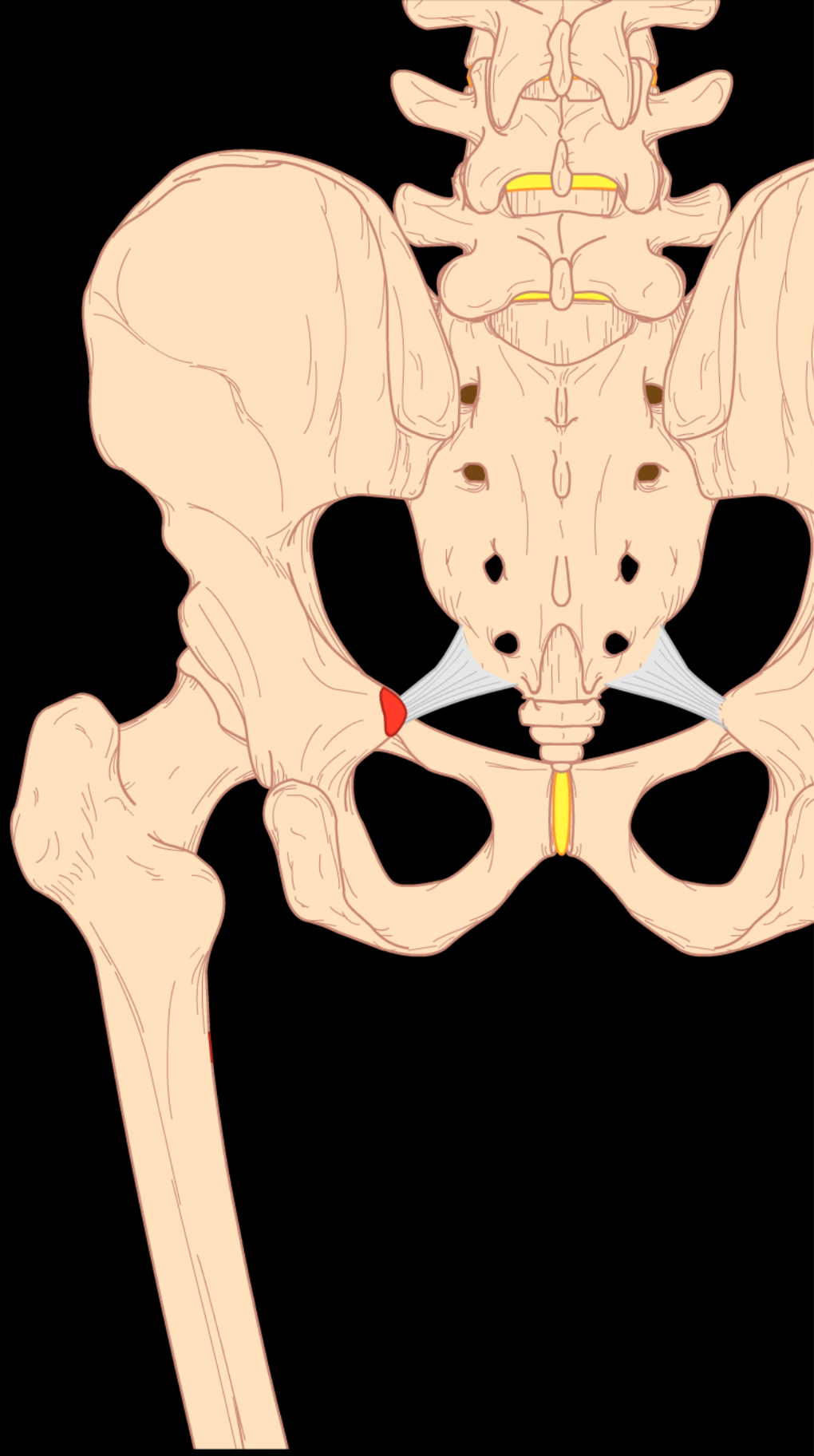
Deep Hip Rotators

Superior gemellus

Attachments

Origin

Insertion

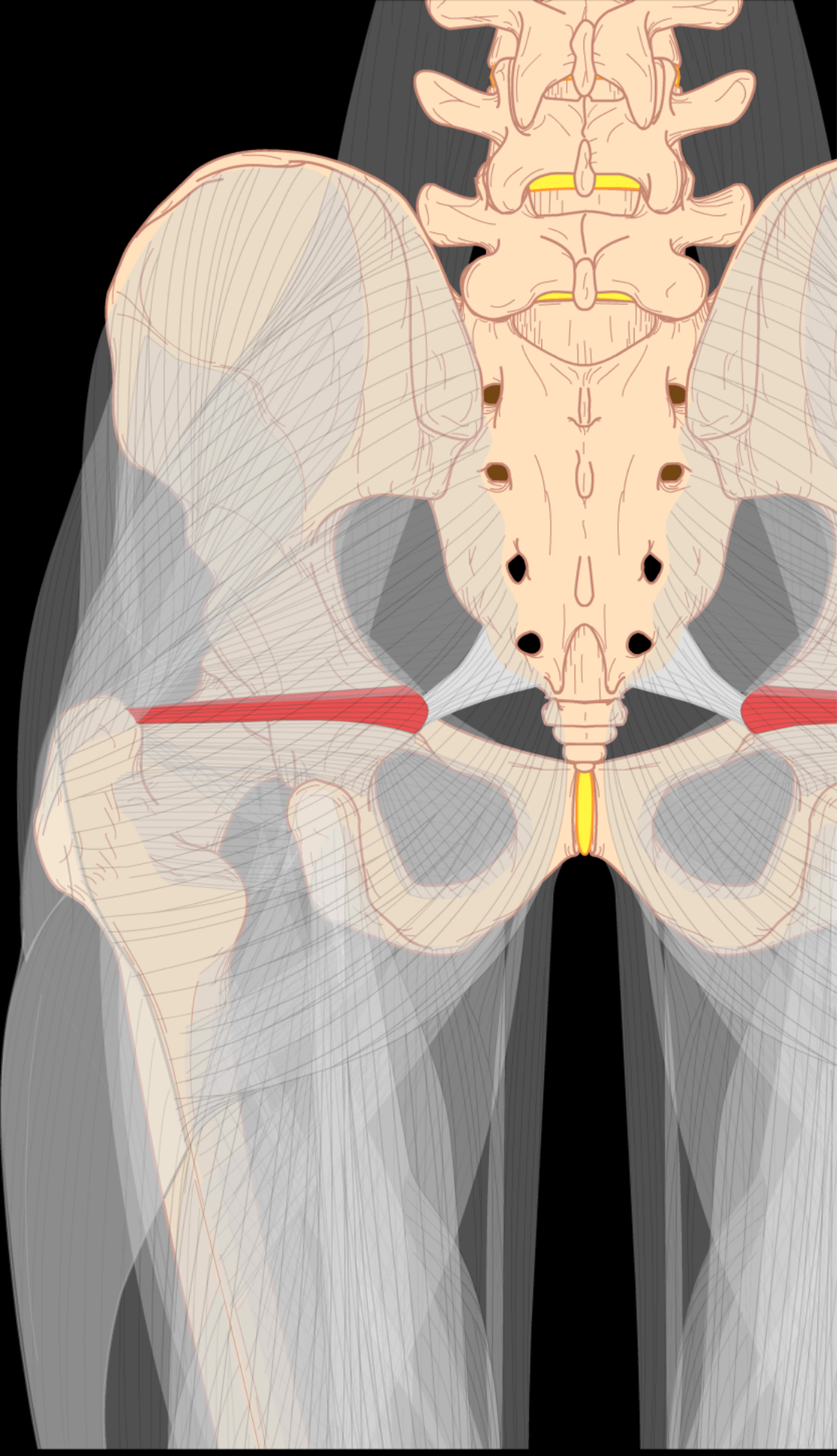


Inferior Limb

Deep Hip Rotators

Superior gemellus

Topography

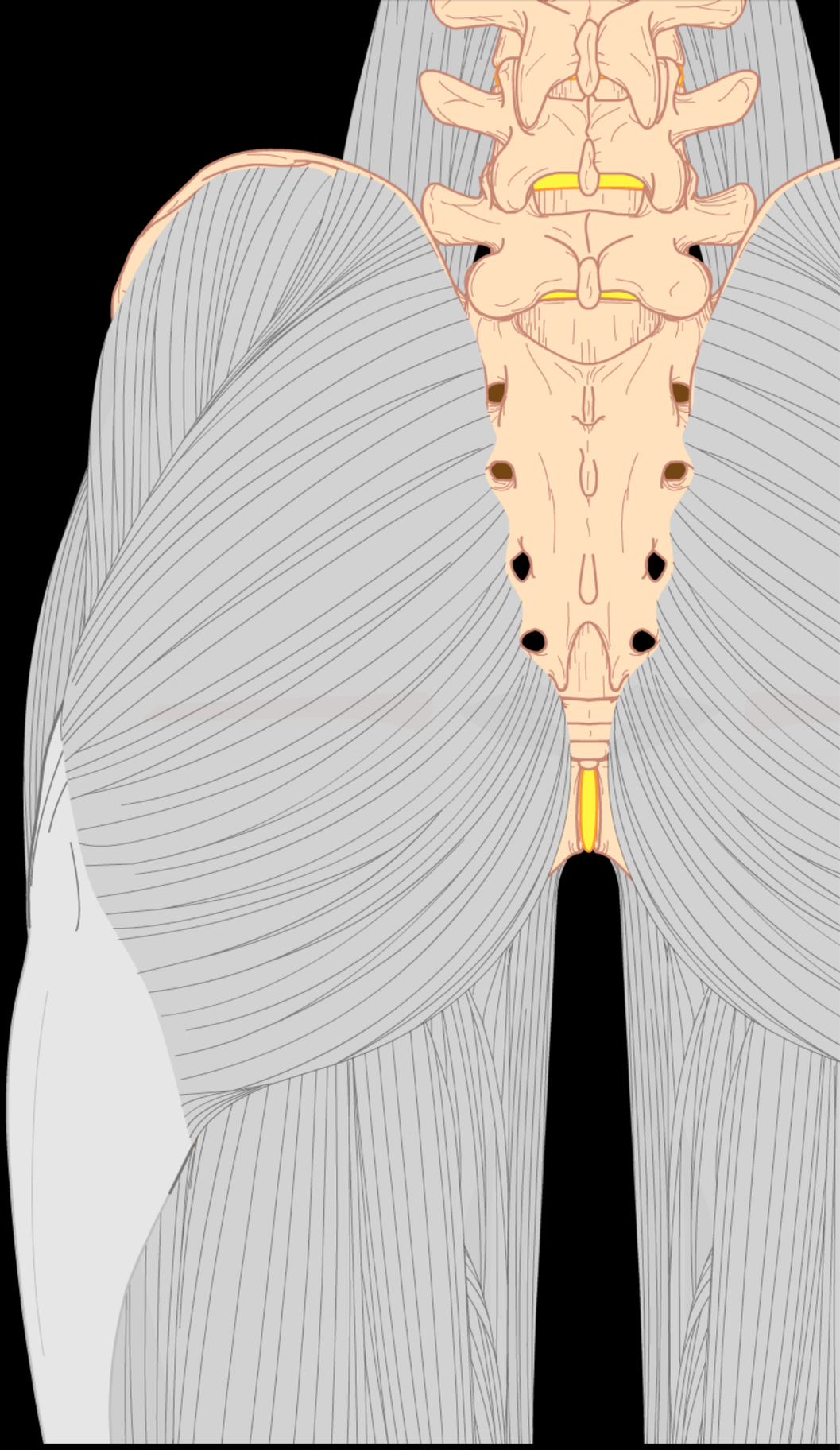


Inferior Limb

Deep Hip Rotators

Superior gemellus

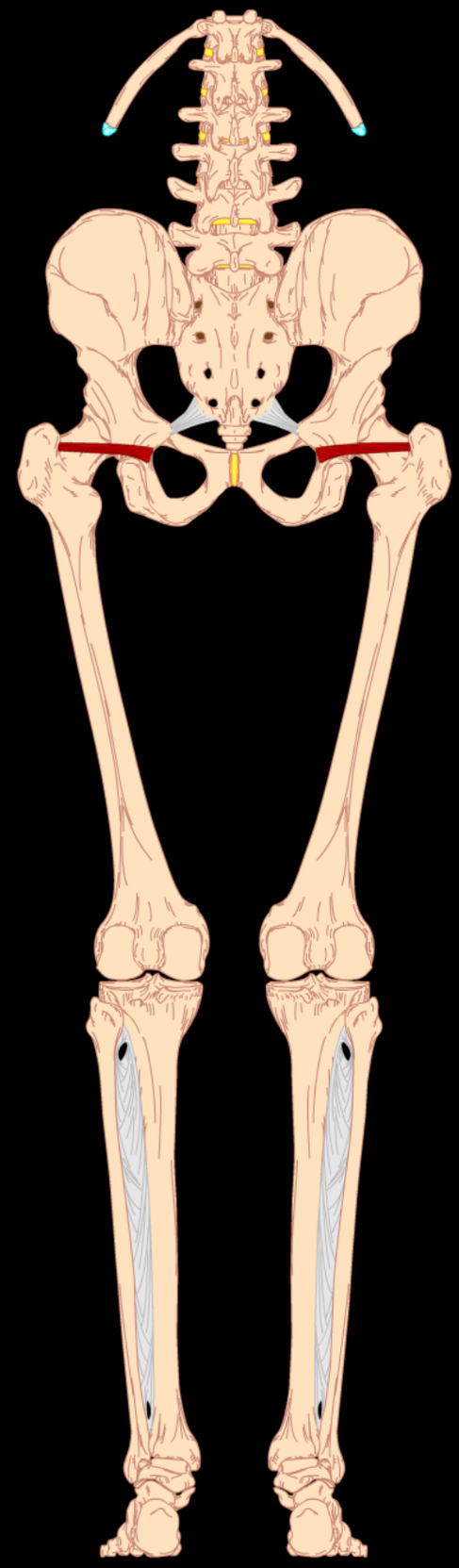
Topography



Inferior Limb

Deep Hip Rotators

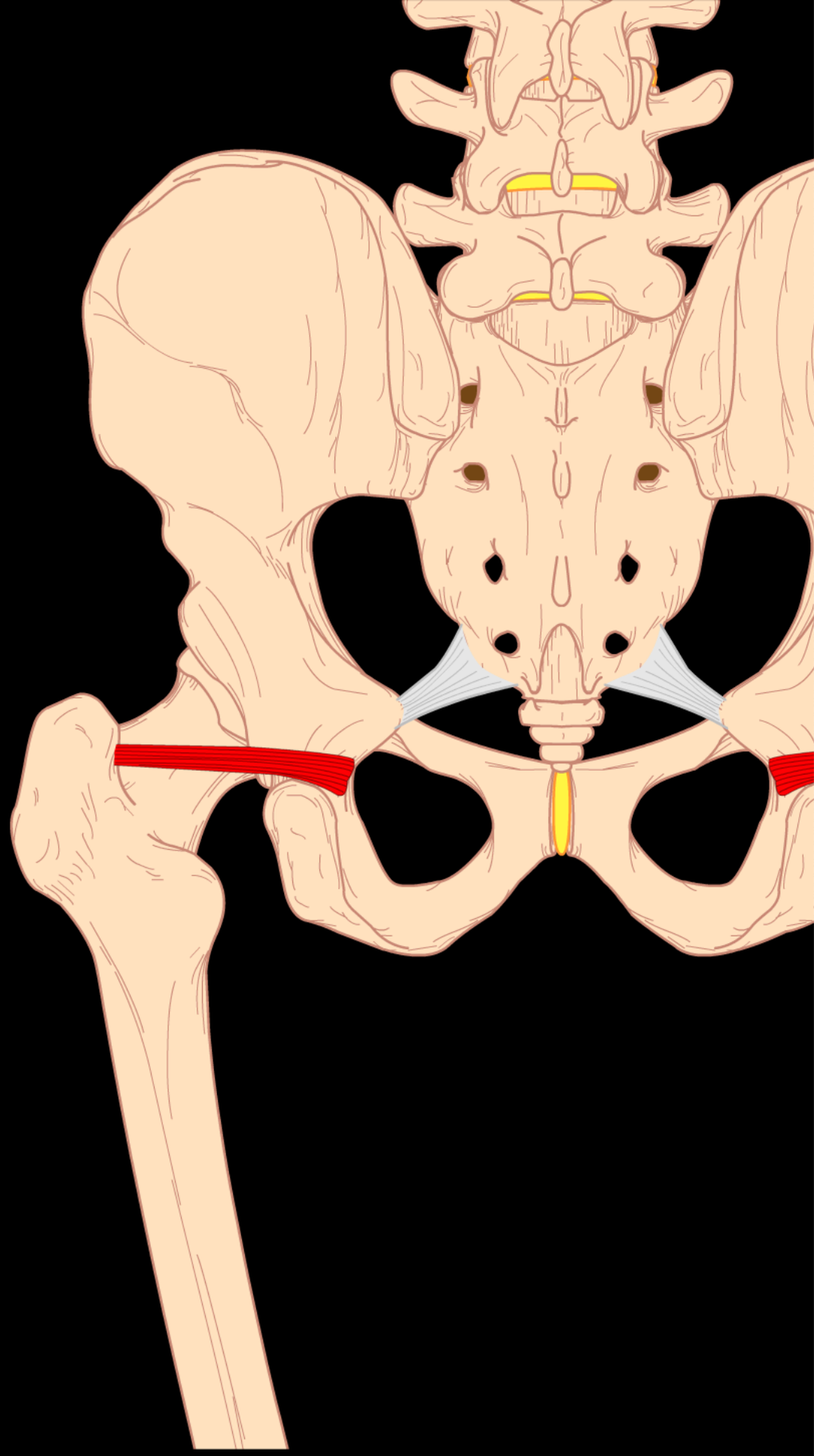
Inferior gemellus



Inferior Limb

Deep Hip Rotators

Inferior gemellus



Inferior Limb

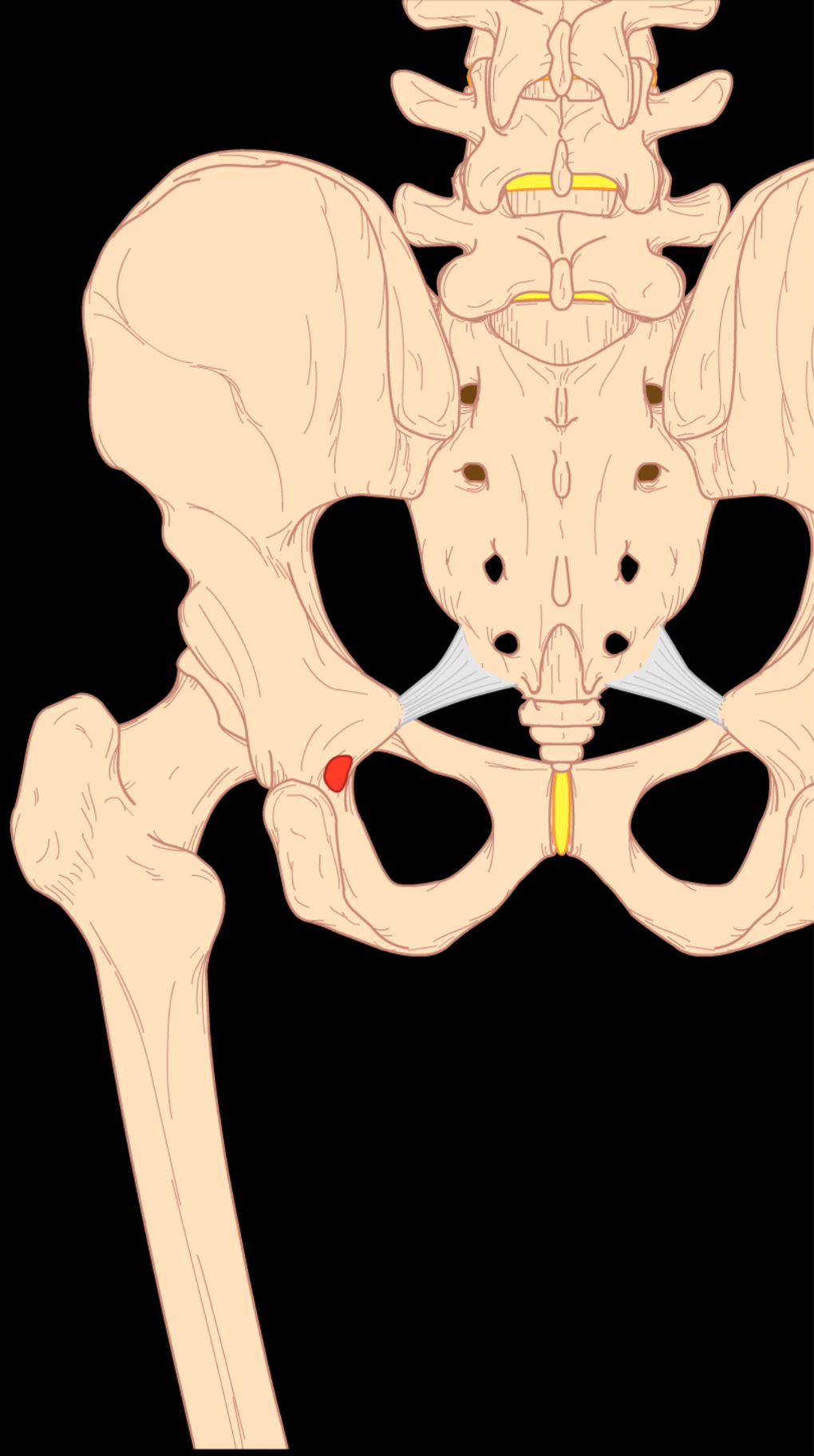
Deep Hip Rotators

Inferior gemellus

Attachments

Origin

Insertion

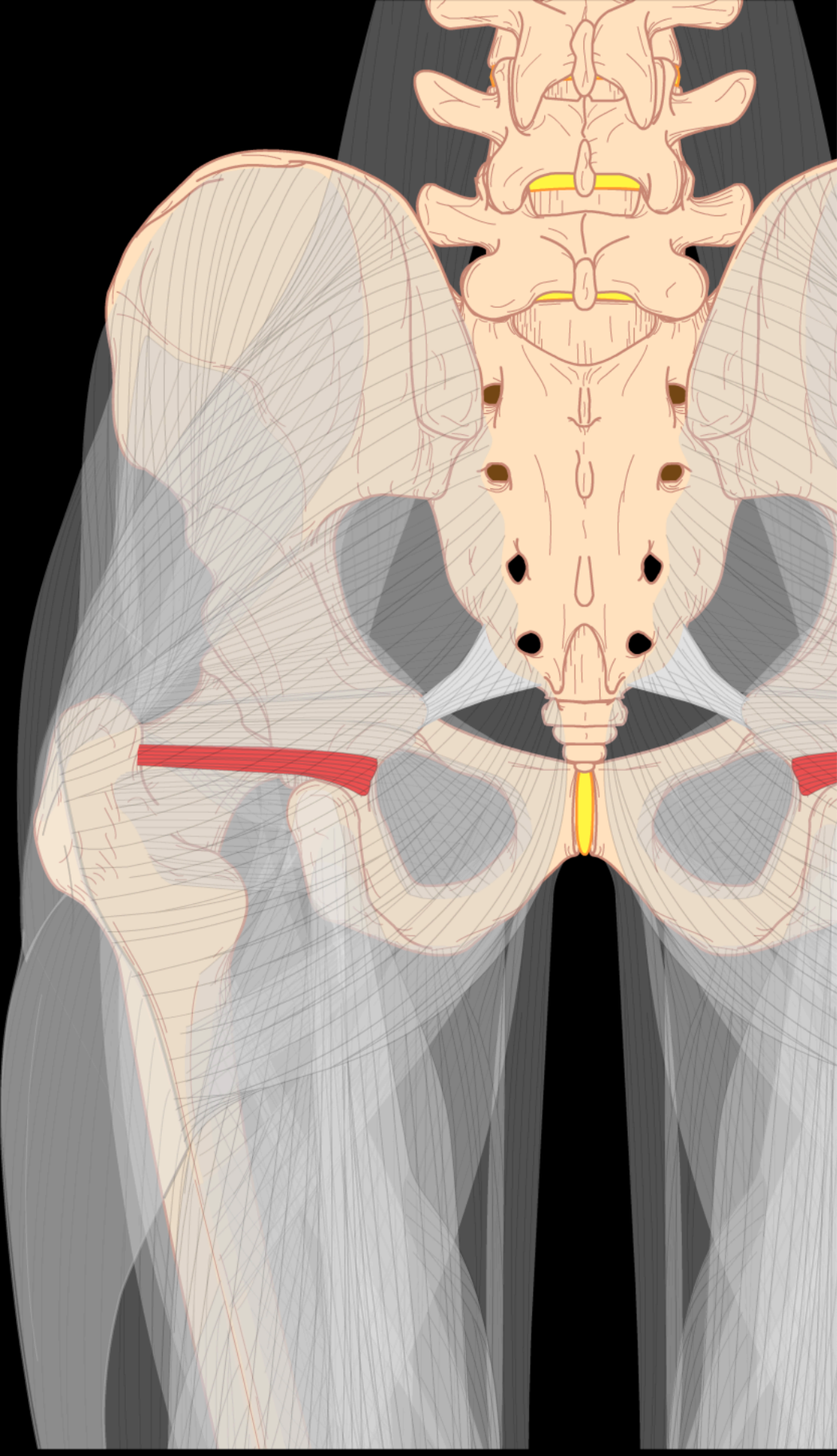


Inferior Limb

Deep Hip Rotators

Inferior gemellus

Topography

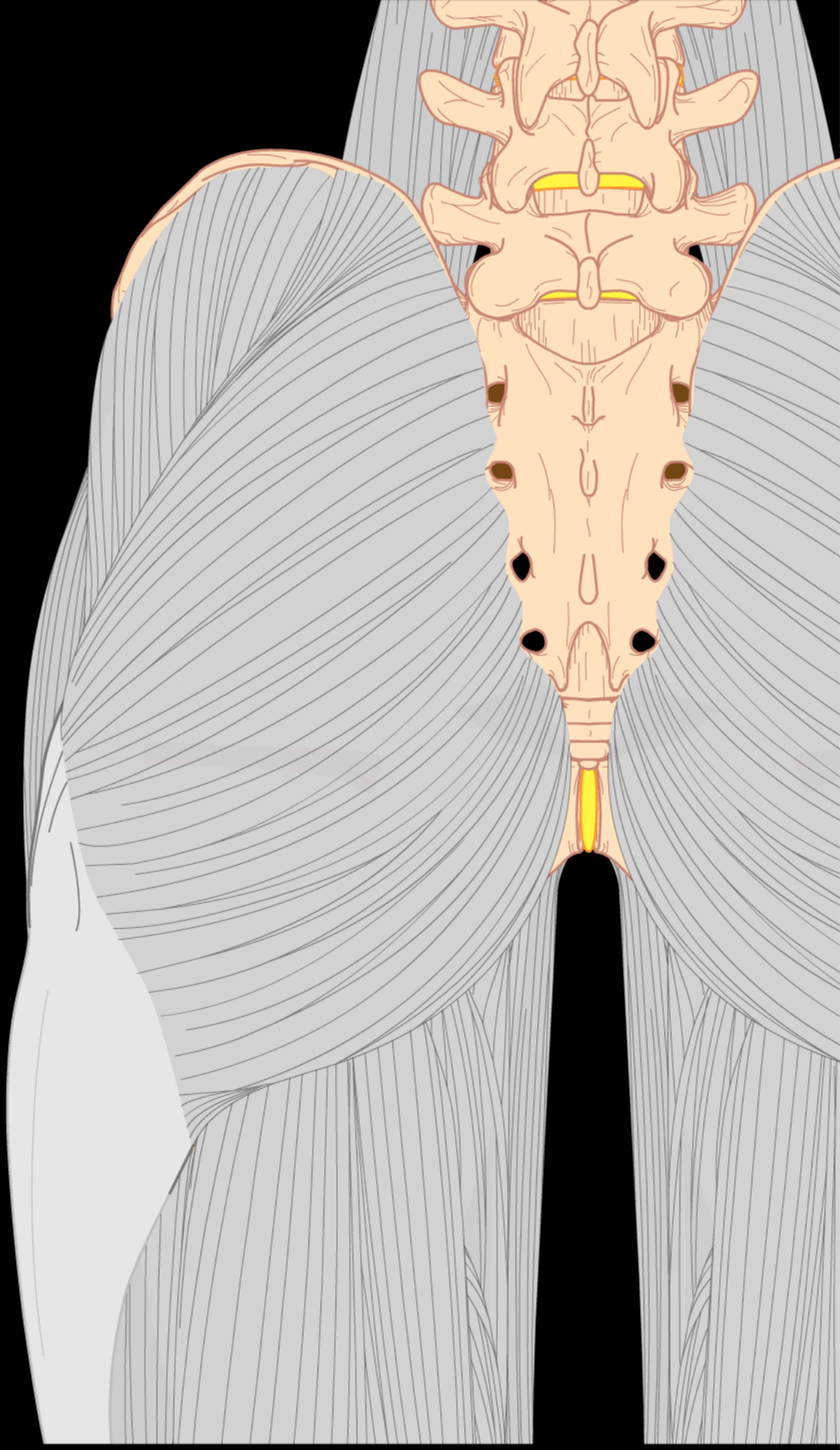


Inferior Limb

Deep Hip Rotators

Inferior gemellus

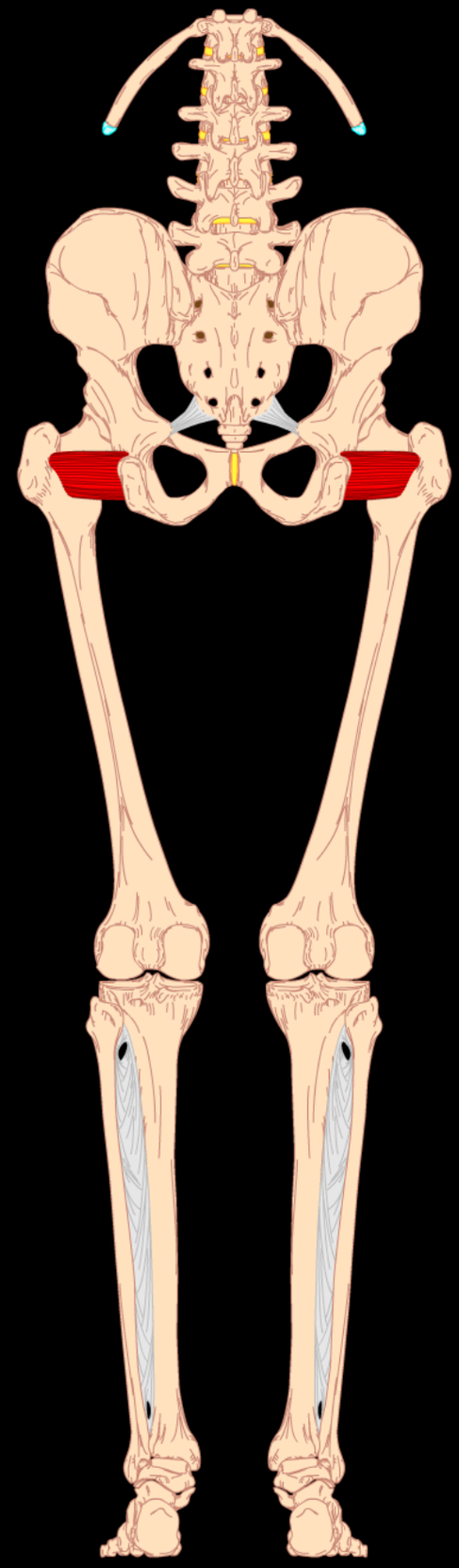
Topography



Inferior Limb

Deep Hip Rotators

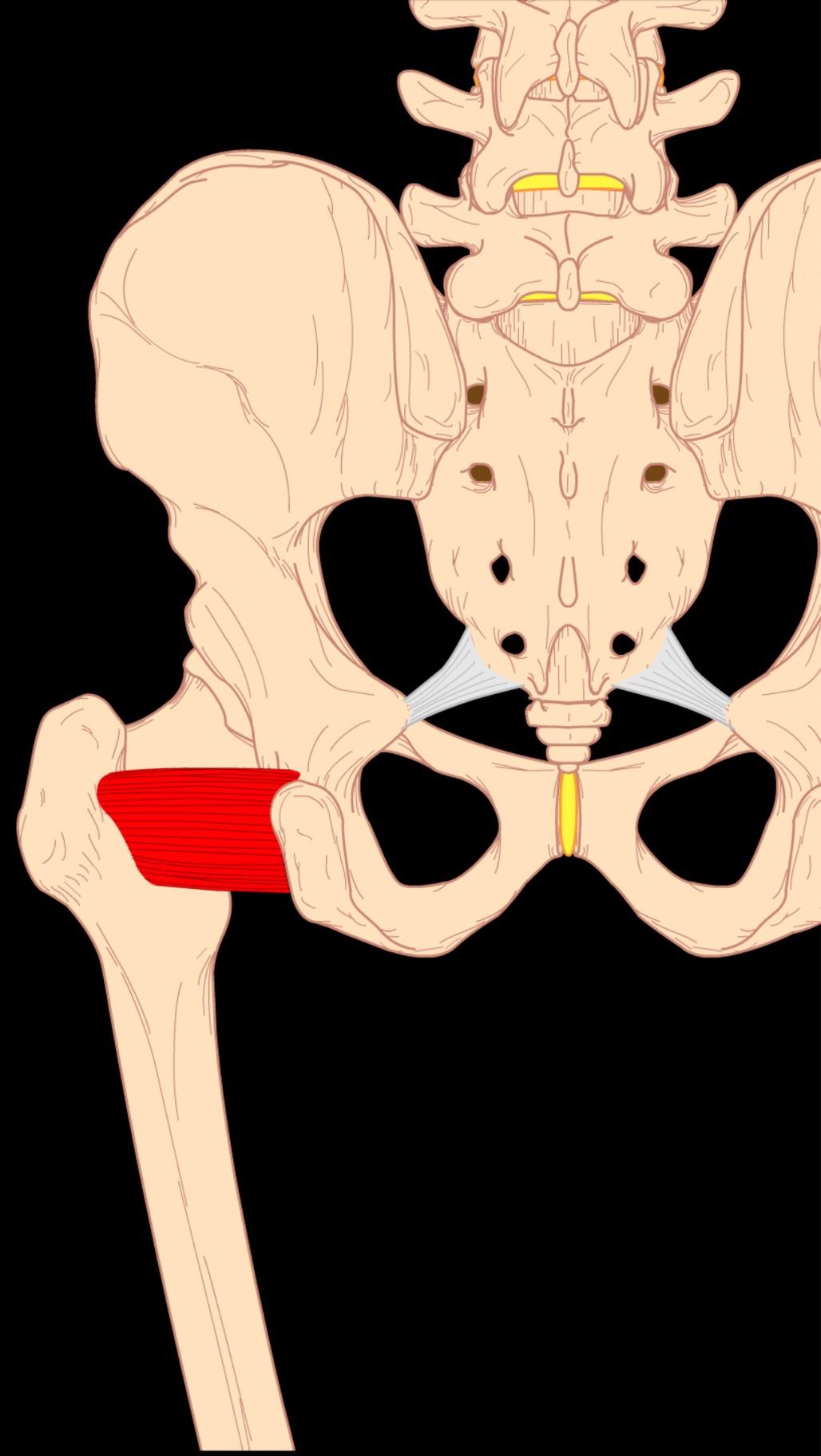
Quadratus femoris



Inferior Limb

Deep Hip Rotators

Quadratus femoris



Inferior Limb

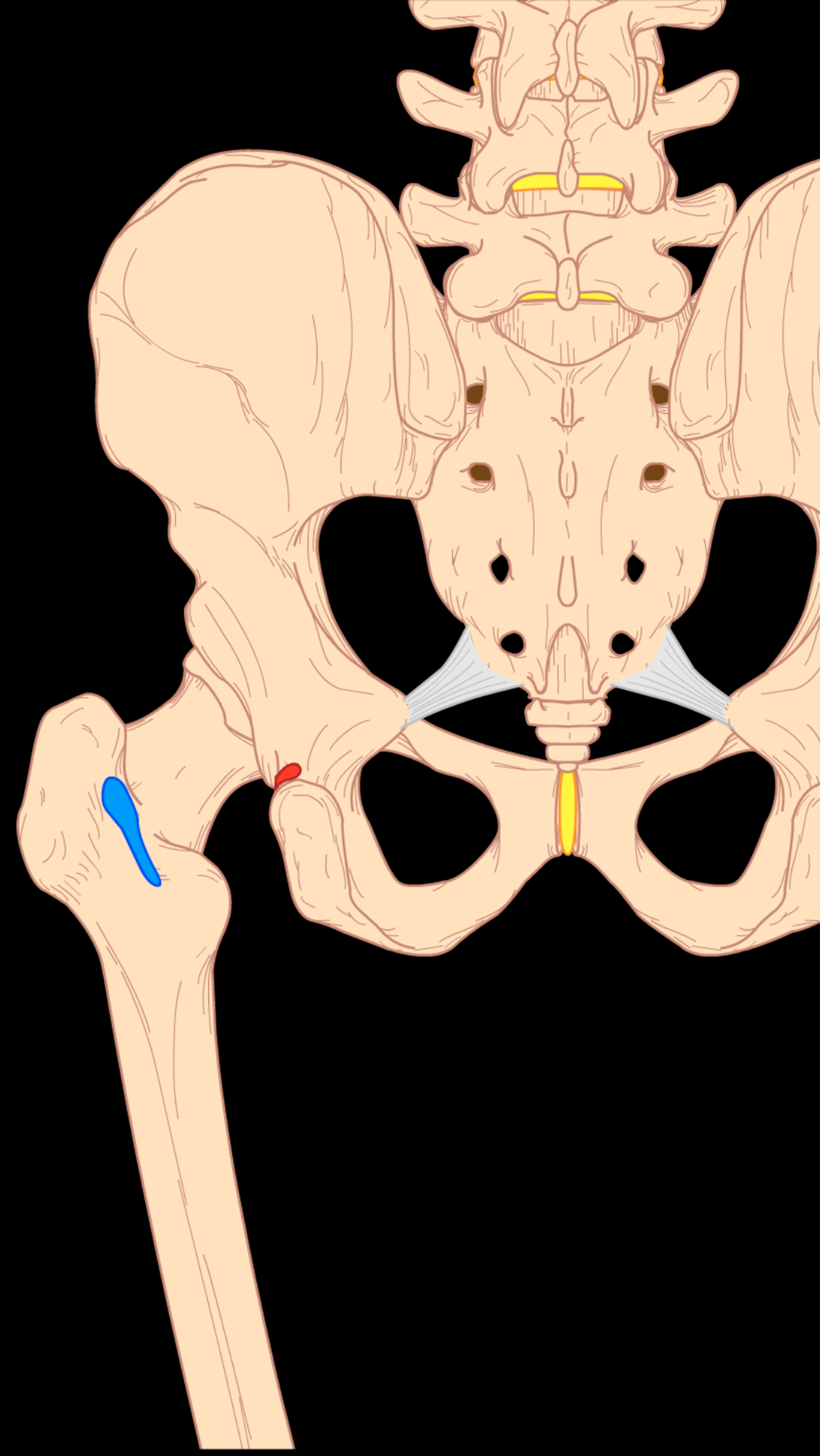
Deep Hip Rotators

Quadratus femoris

Attachments

Origin

Insertion

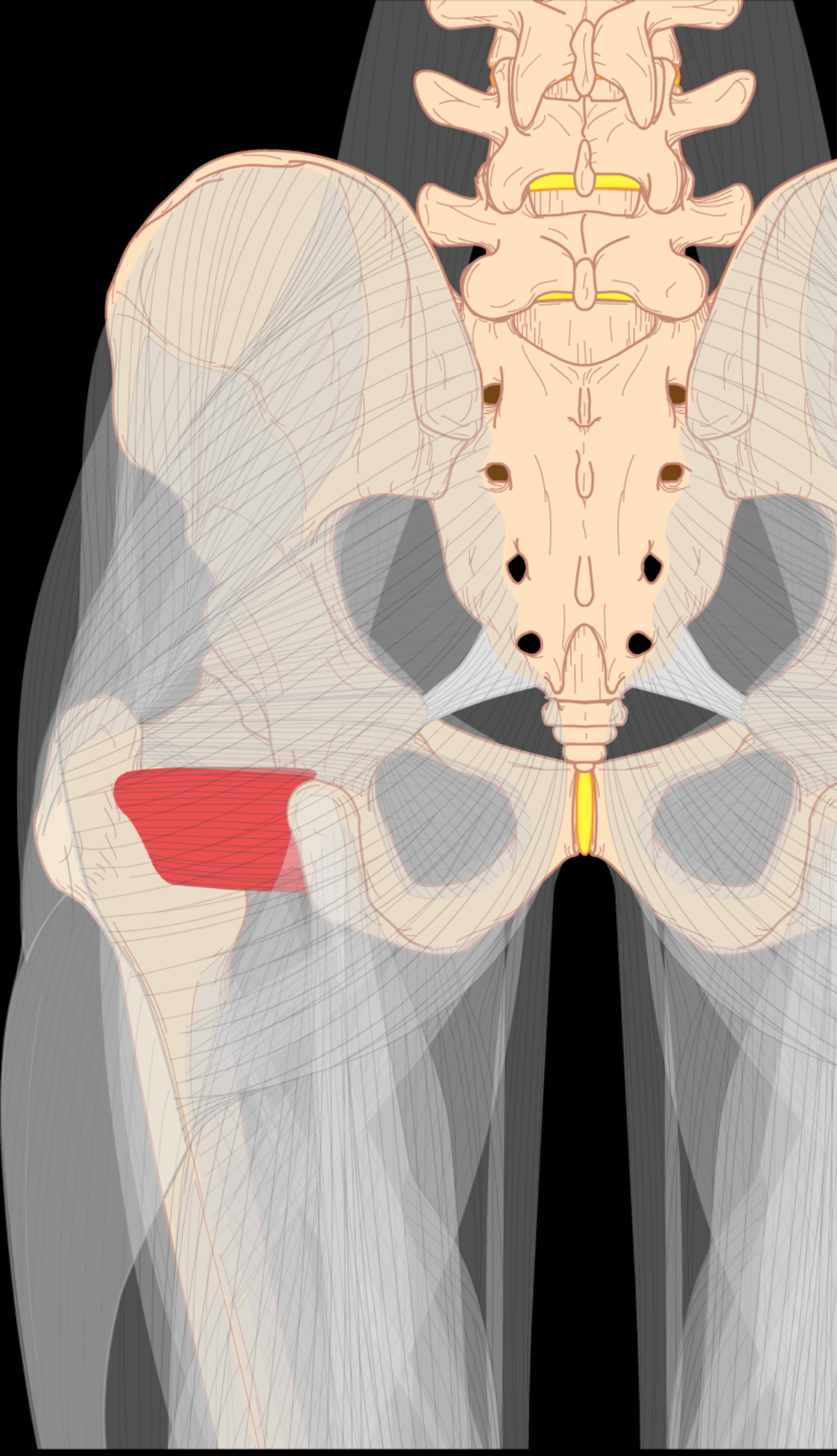


Inferior Limb

Deep Hip Rotators

Quadratus femoris

Topography

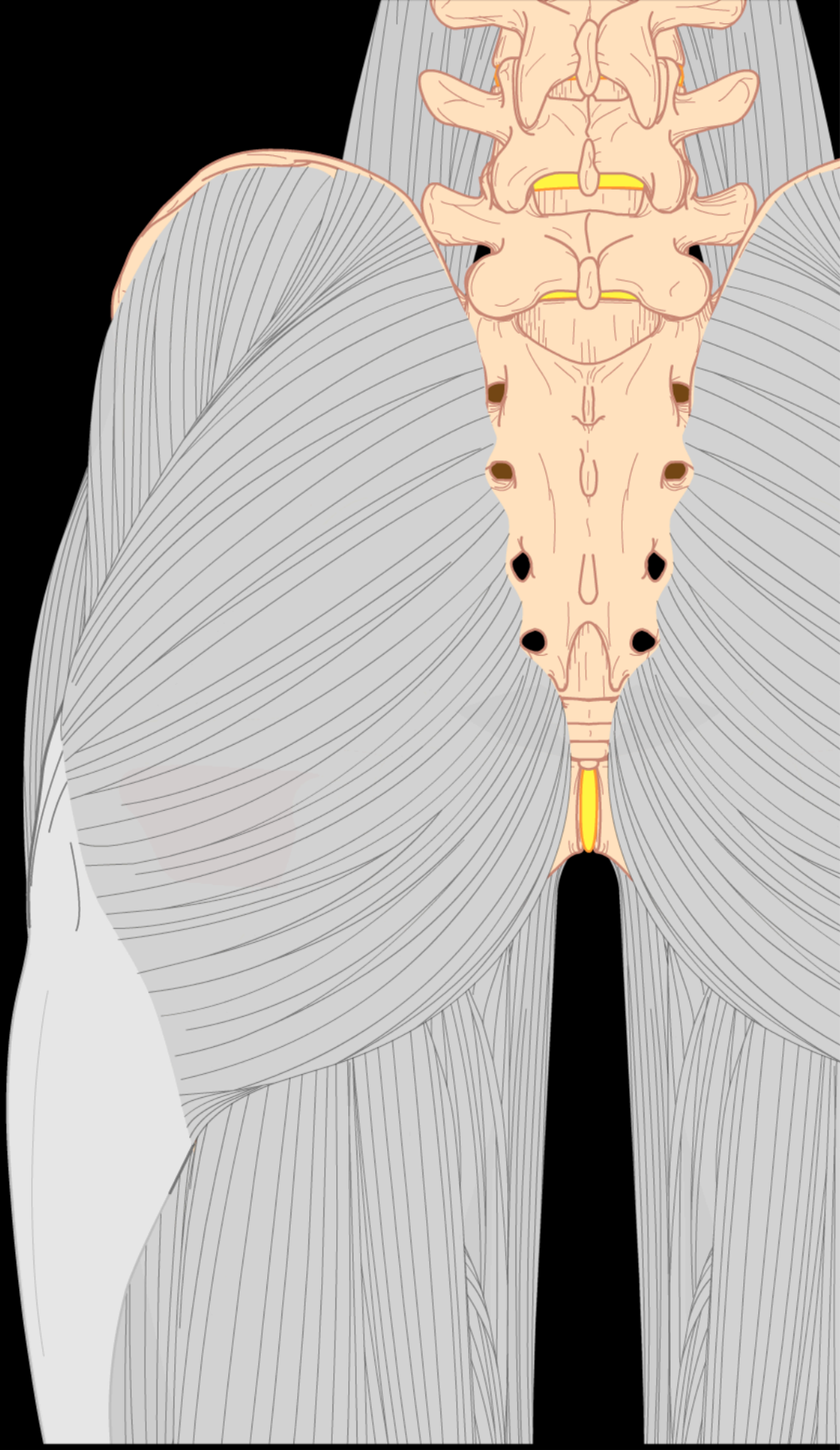


Inferior Limb

Deep Hip Rotators

Quadratus femoris

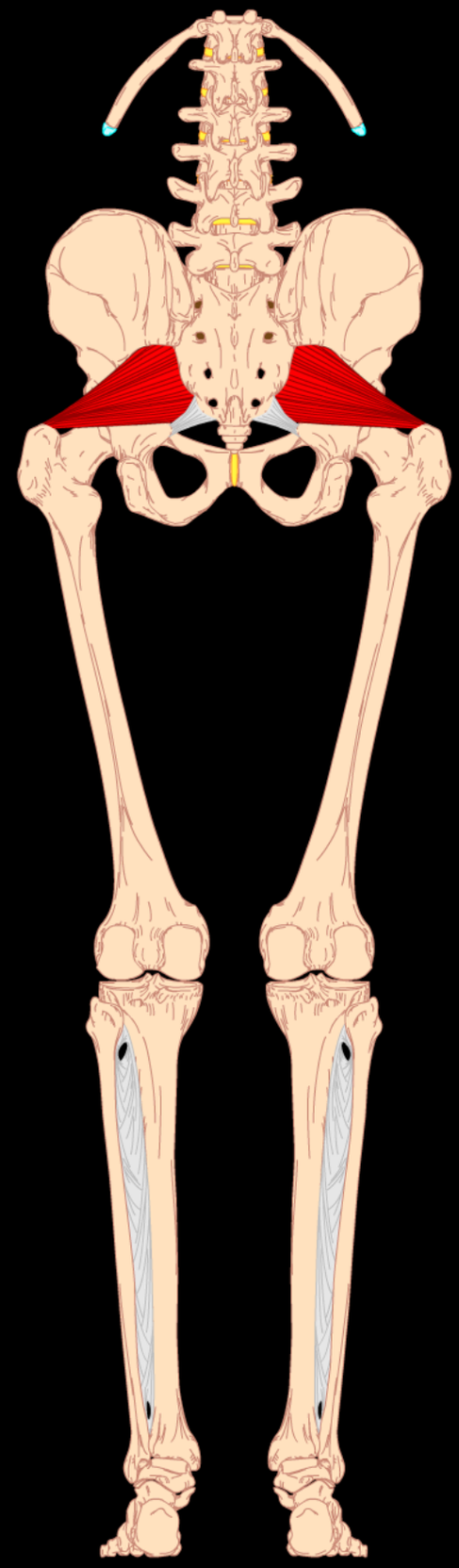
Topography



Inferior Limb

Deep Hip Rotators

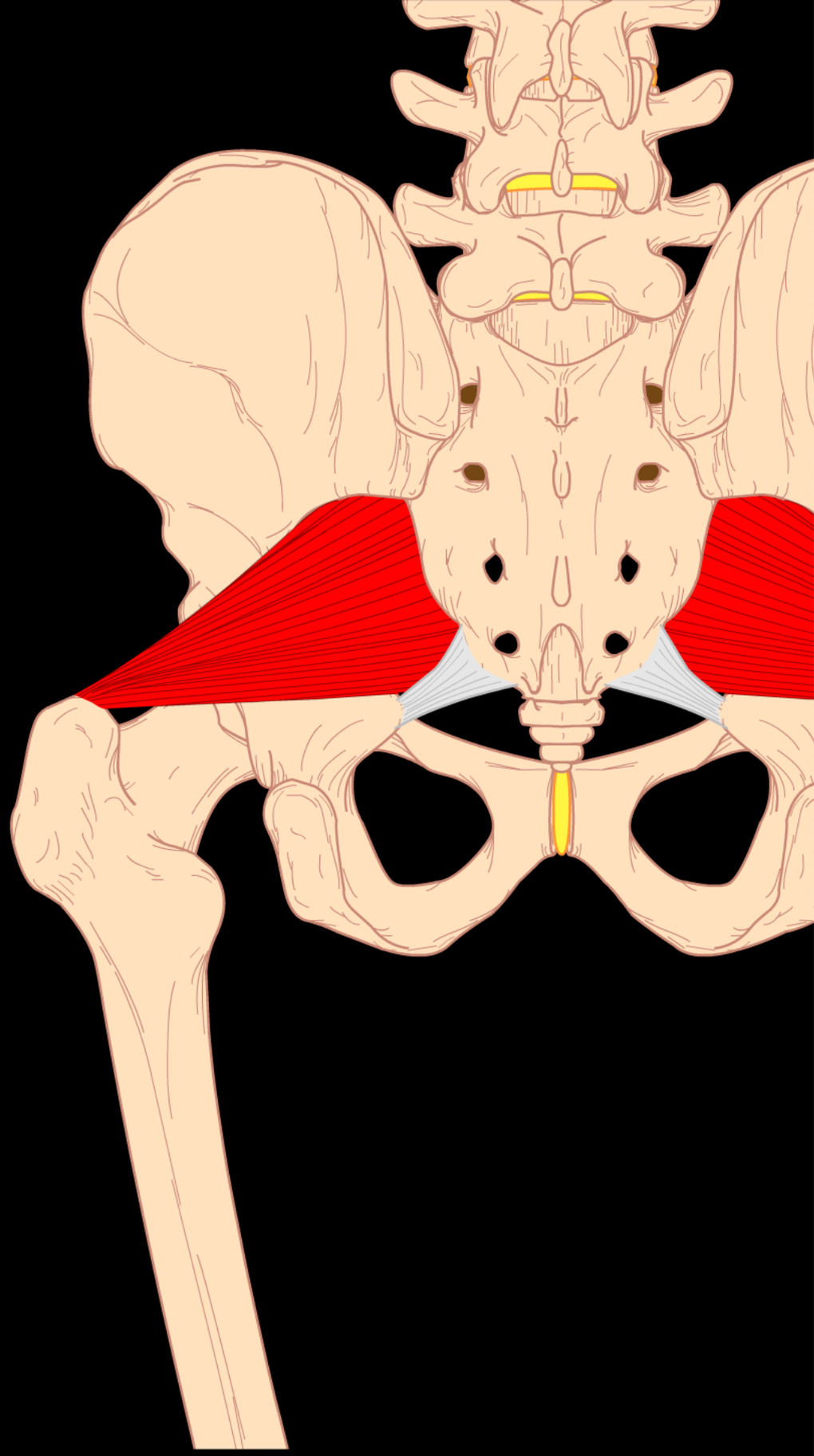
Piriformis



Inferior Limb

Deep Hip Rotators

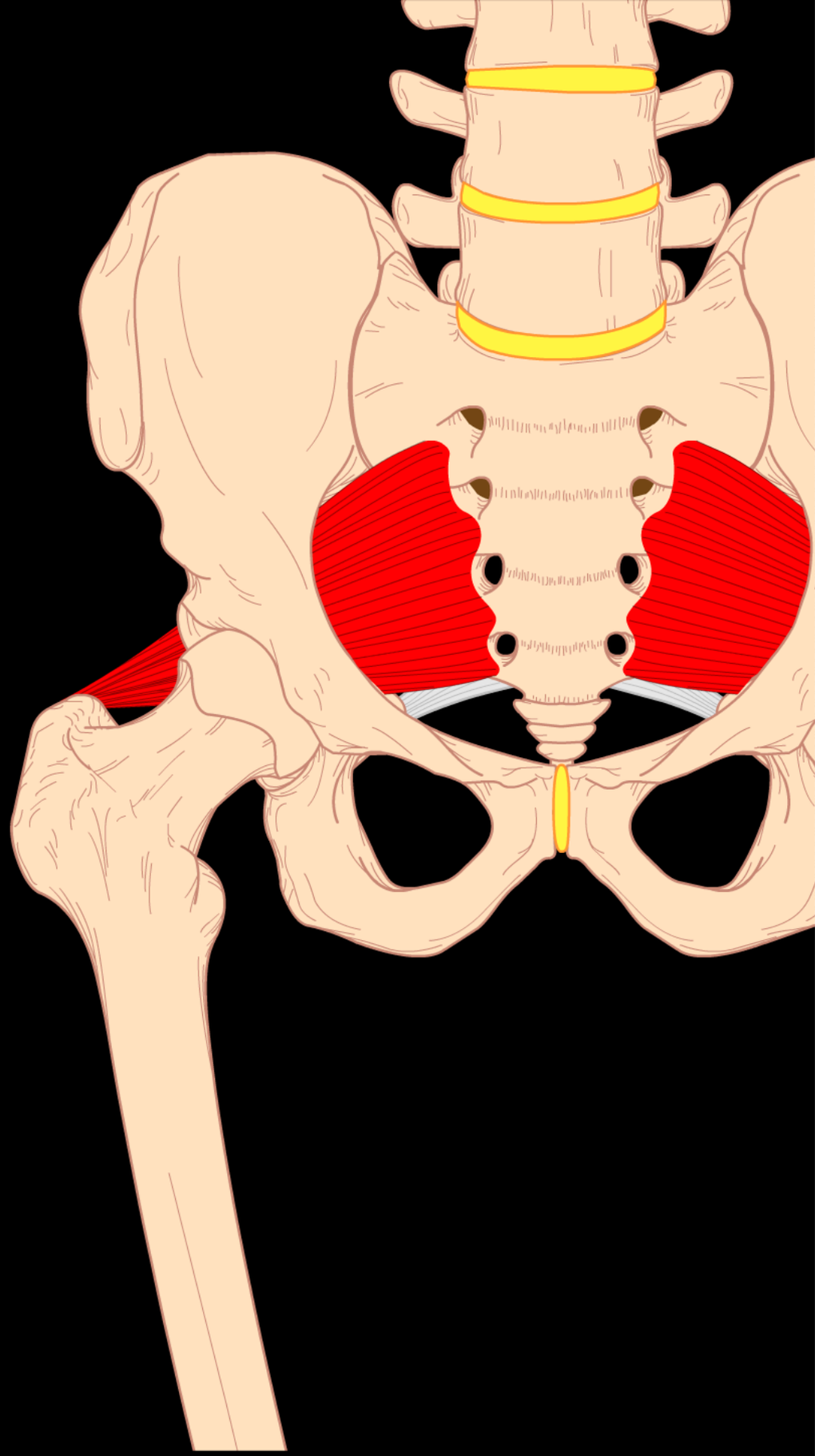
Piriformis



Inferior Limb

Deep Hip Rotators

Piriformis



Inferior Limb

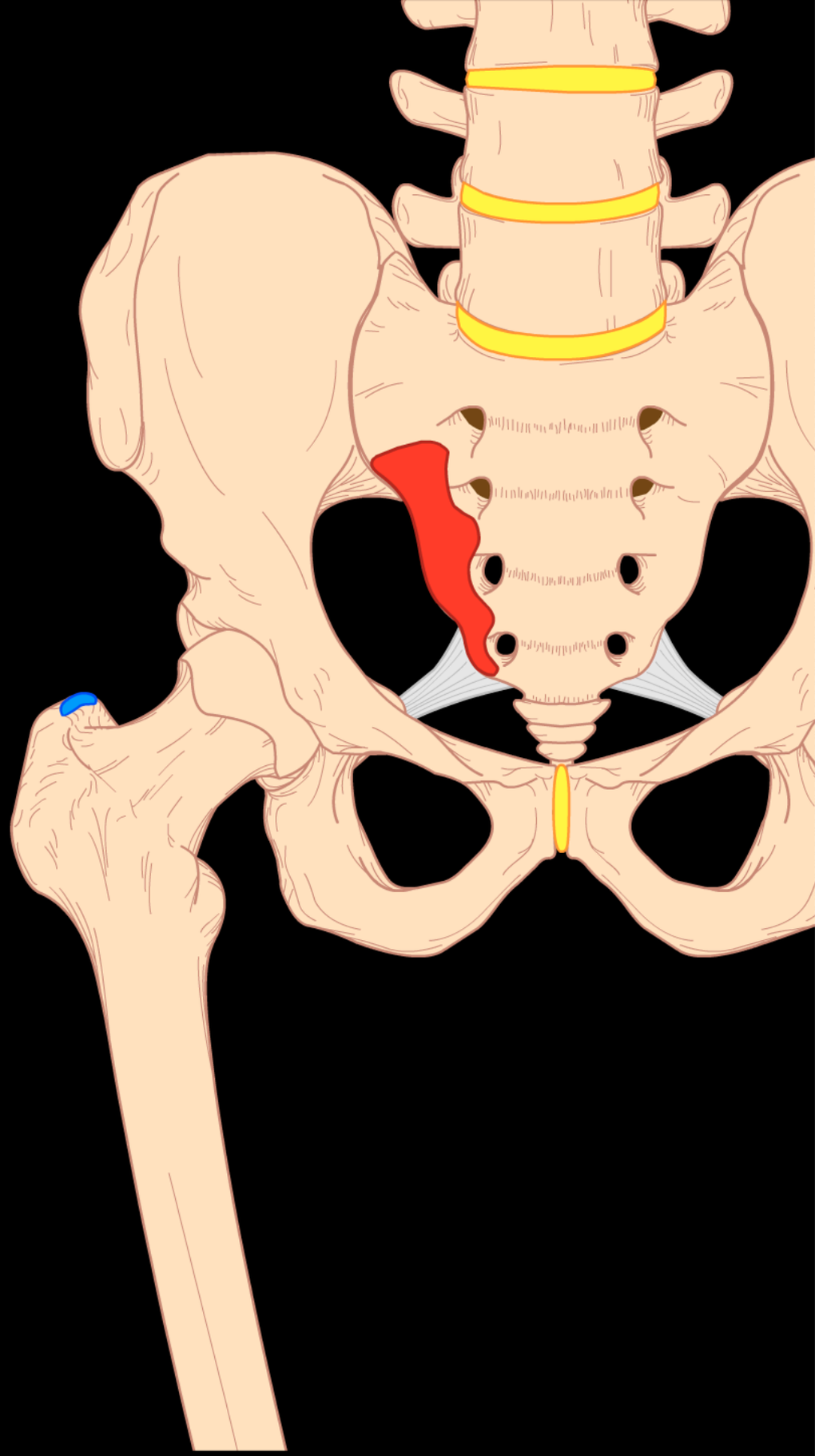
Deep Hip Rotators

Piriformis

Attachments

Origin

Insertion

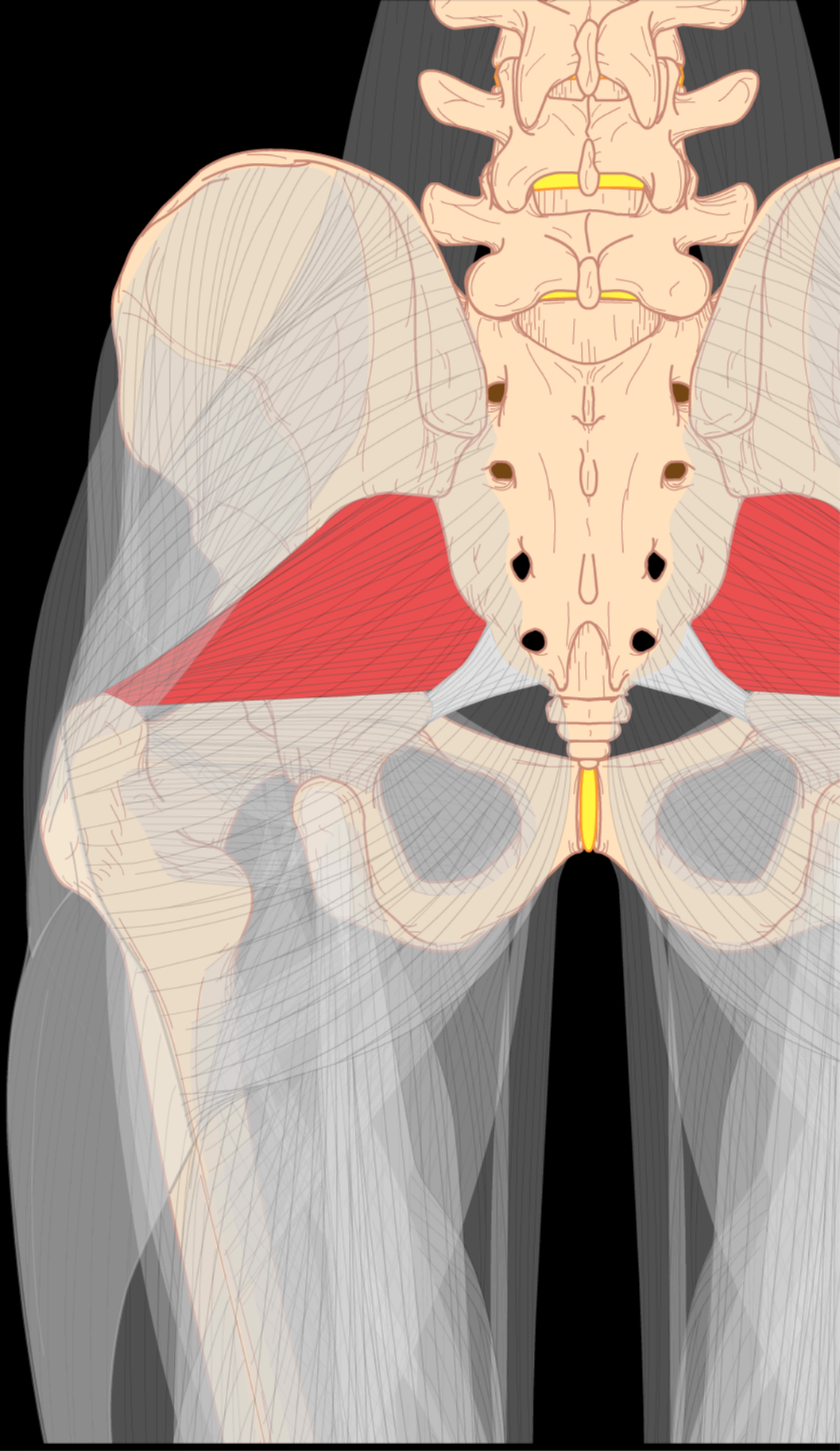


Inferior Limb

Deep Hip Rotators

Piriformis

Topography

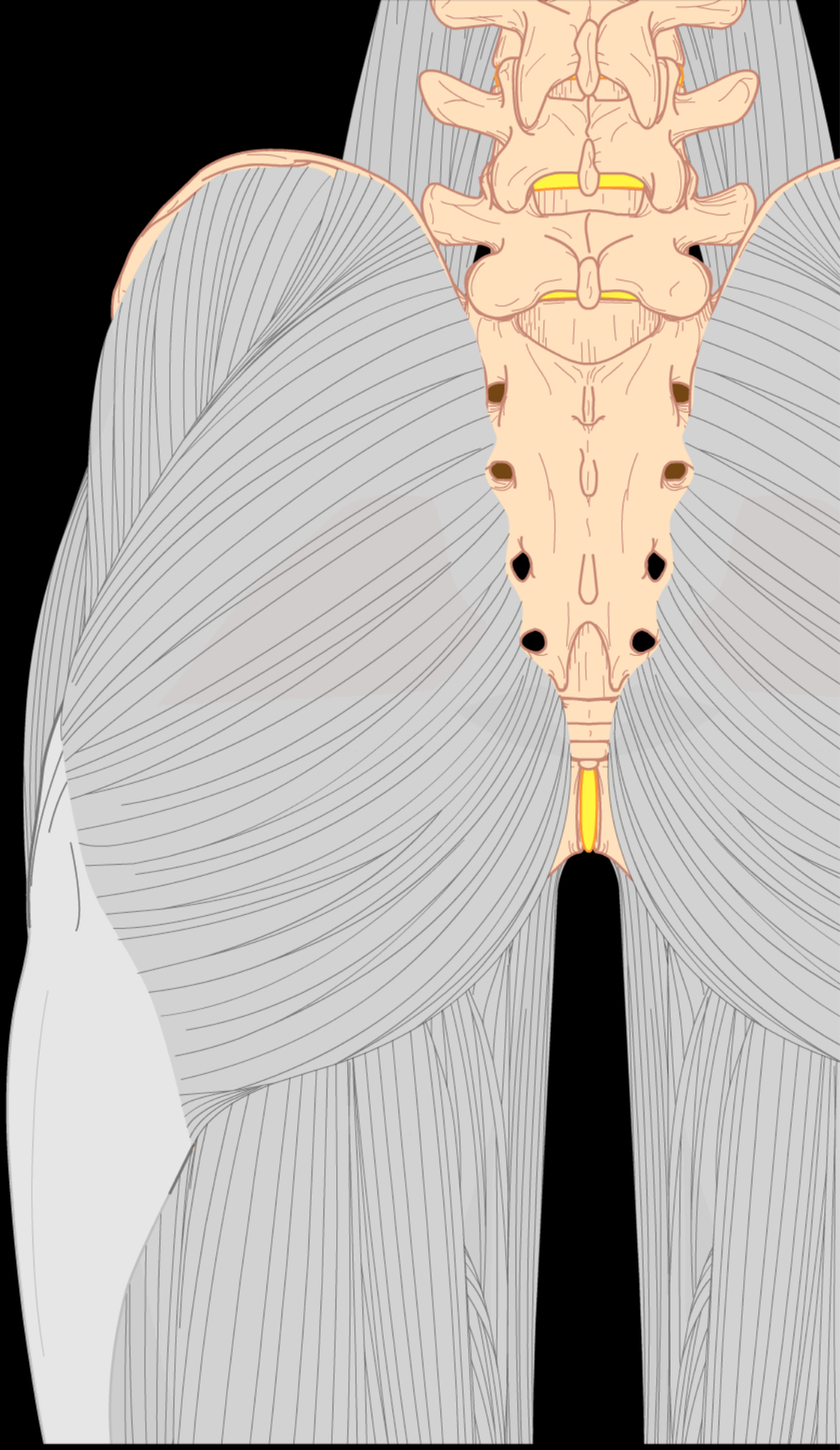


Inferior Limb

Deep Hip Rotators

Piriformis

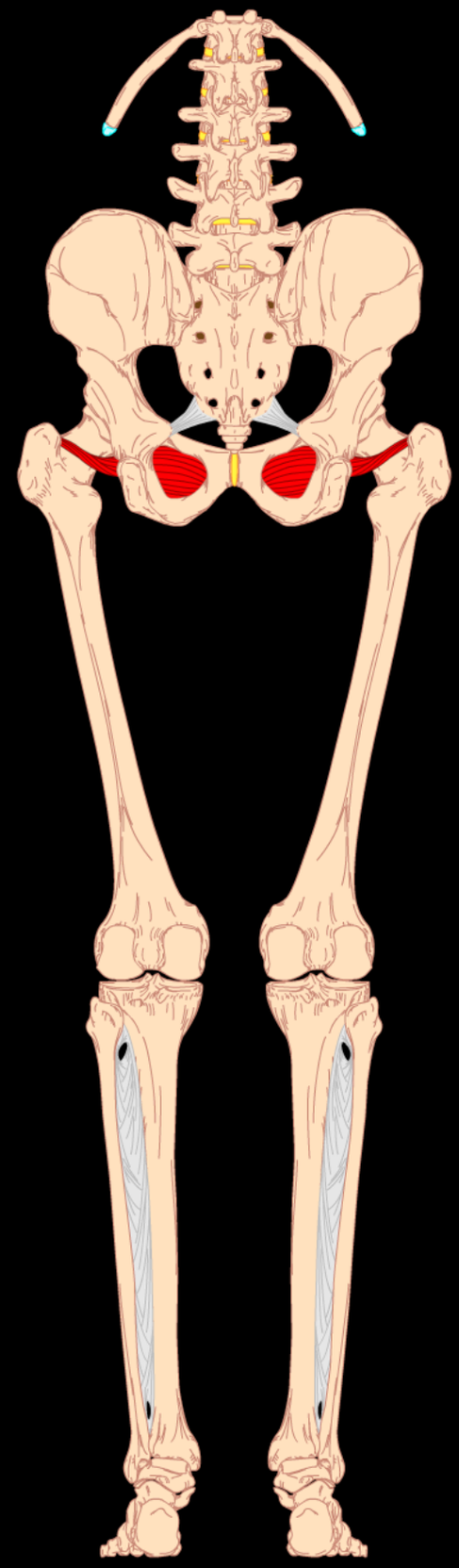
Topography



Inferior Limb

Deep Hip Rotators

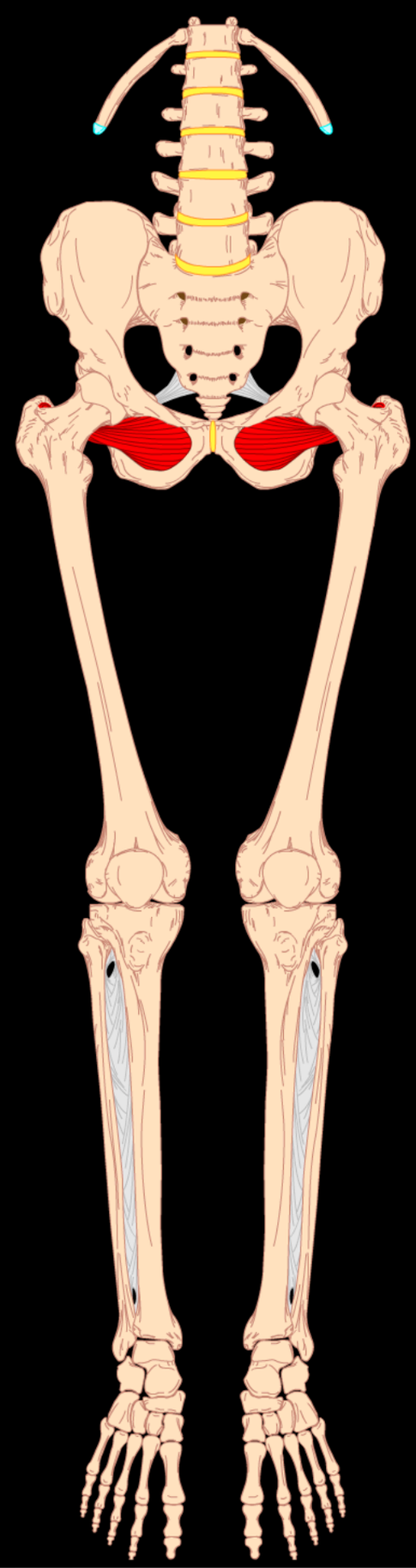
Obturator externus



Inferior Limb

Deep Hip Rotators

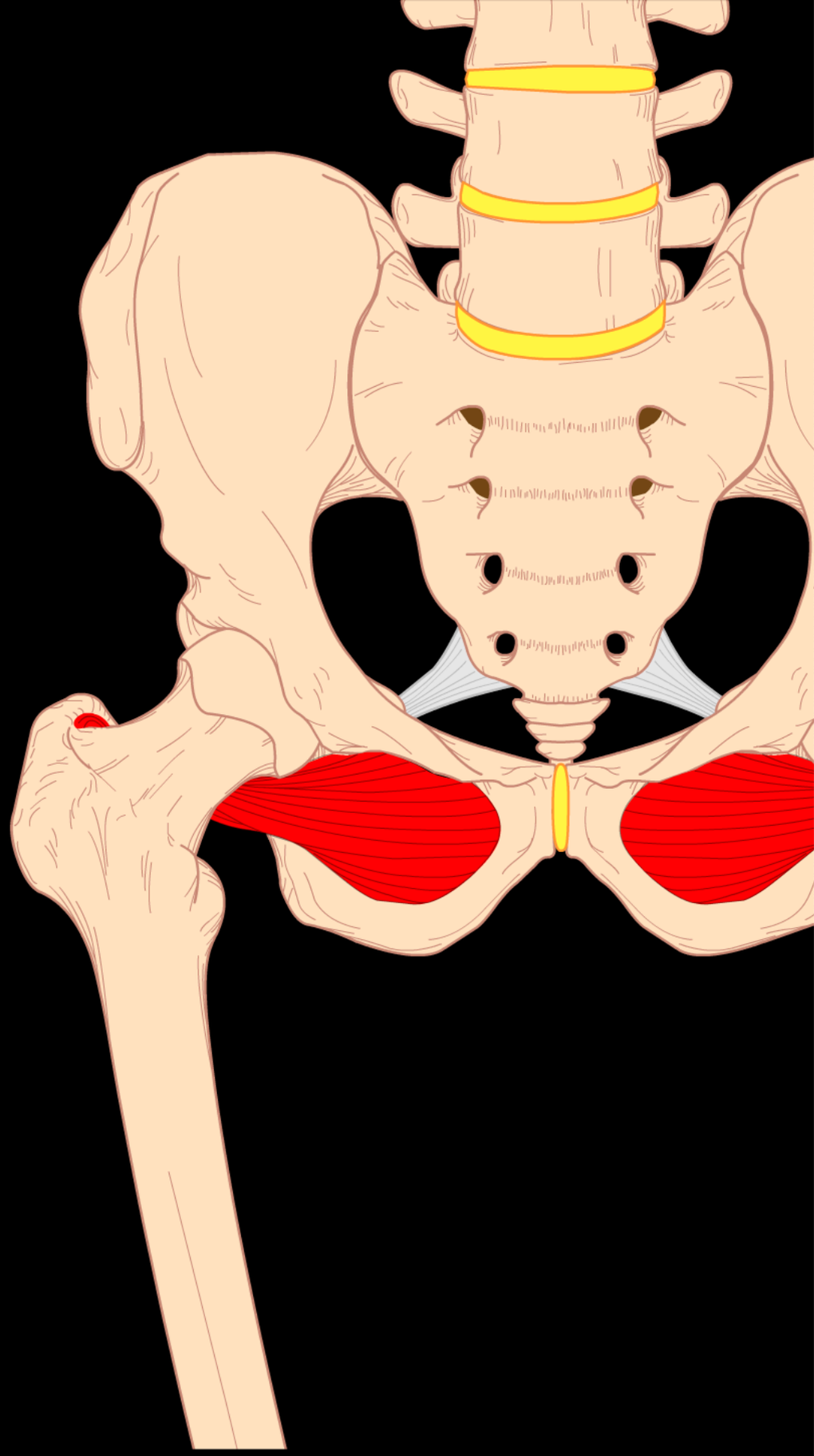
Obturator externus



Inferior Limb

Deep Hip Rotators

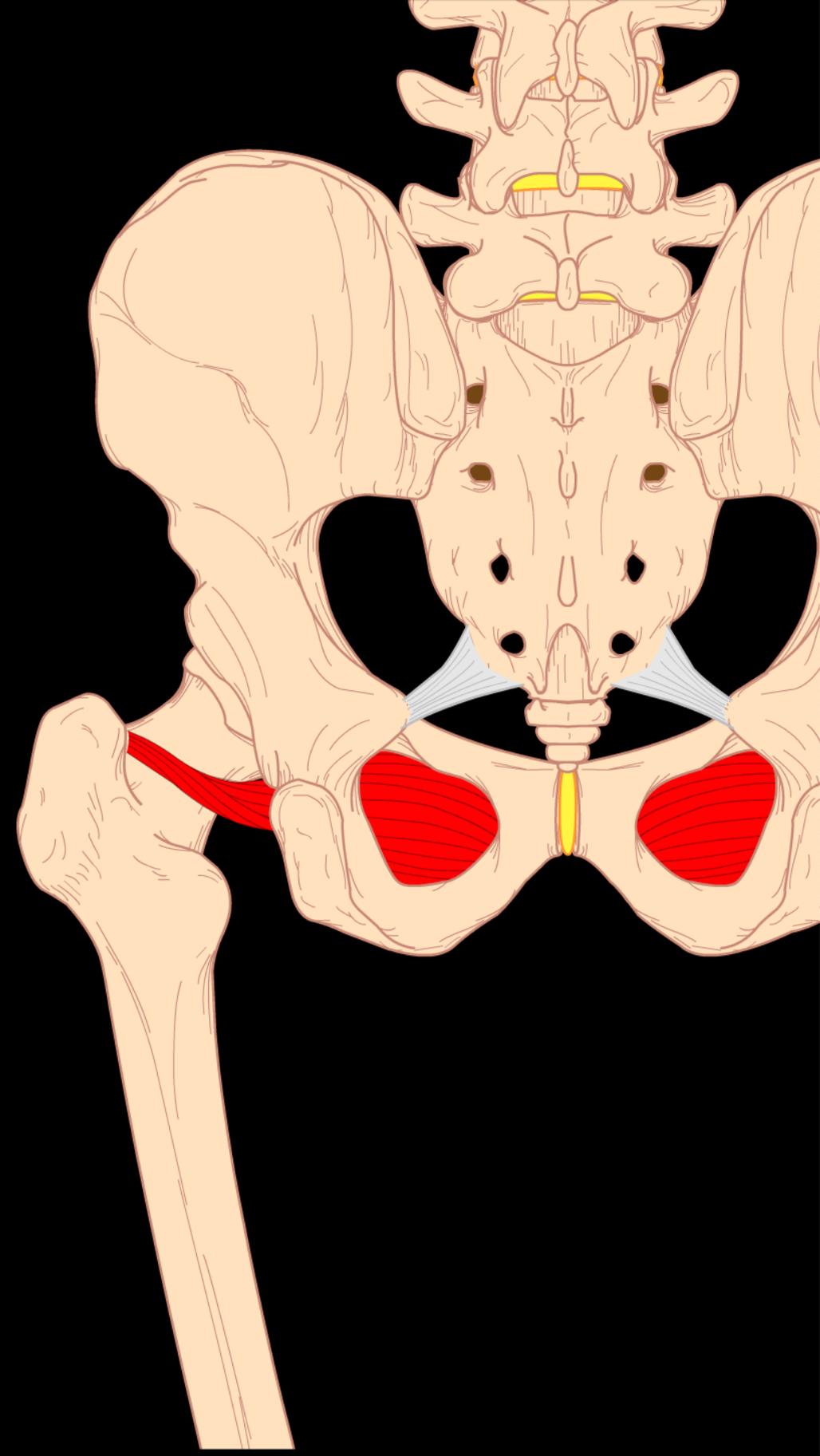
Obturator externus



Inferior Limb

Deep Hip Rotators

Obturator externus



Inferior Limb

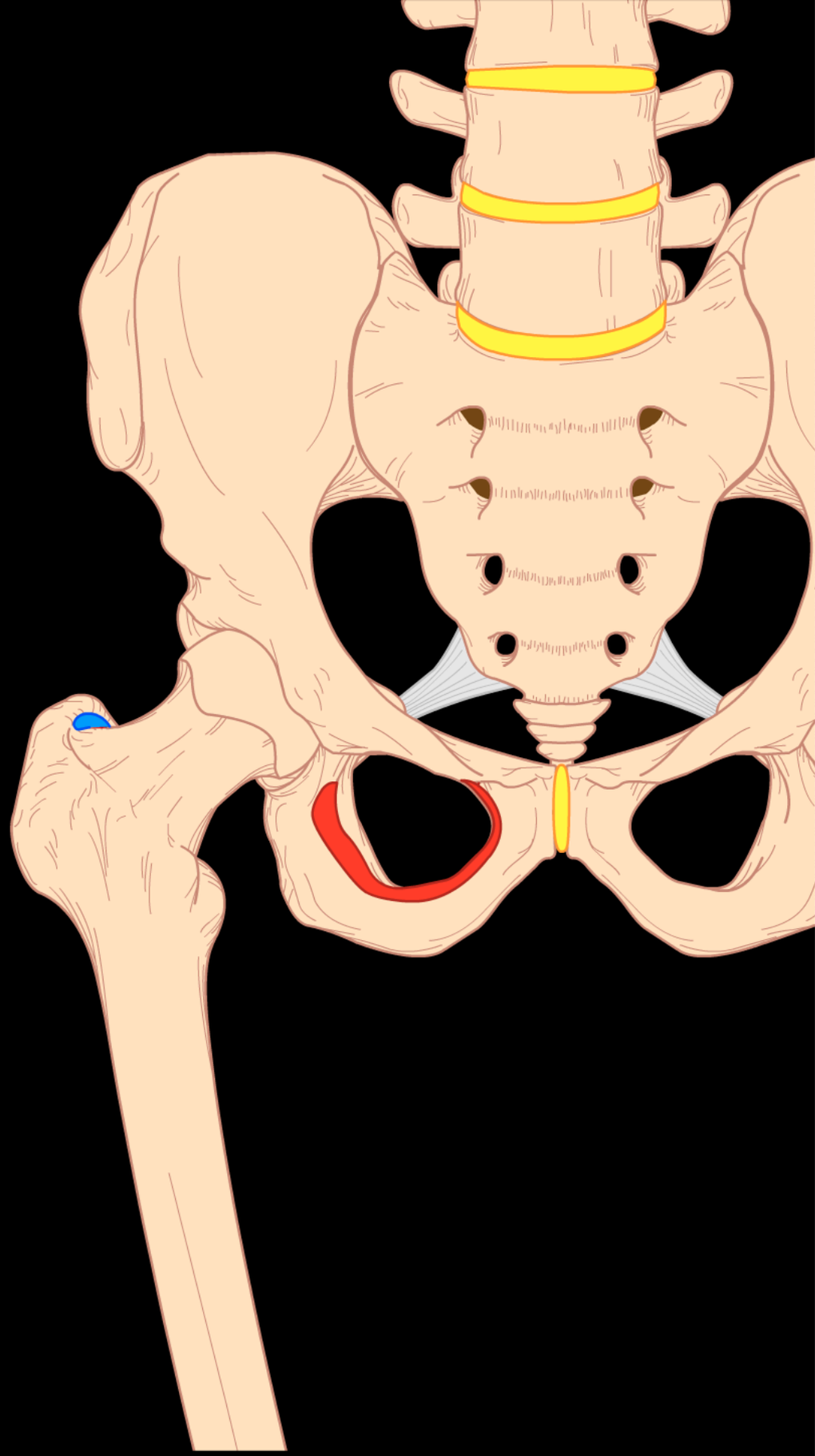
Deep Hip Rotators

Obturator externus

Attachments

Origin

Insertion

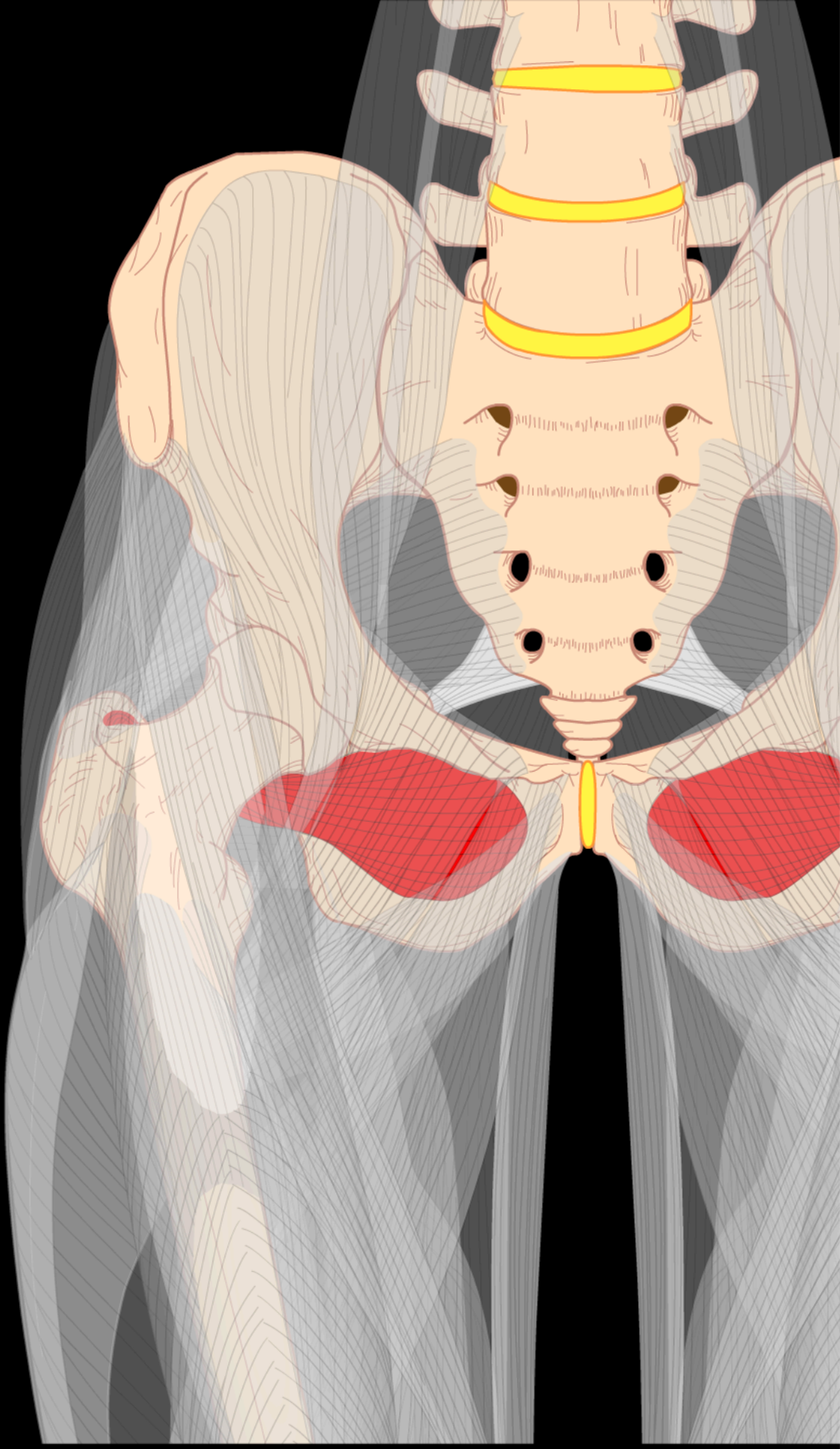


Inferior Limb

Deep Hip Rotators

Obturator externus

Topography

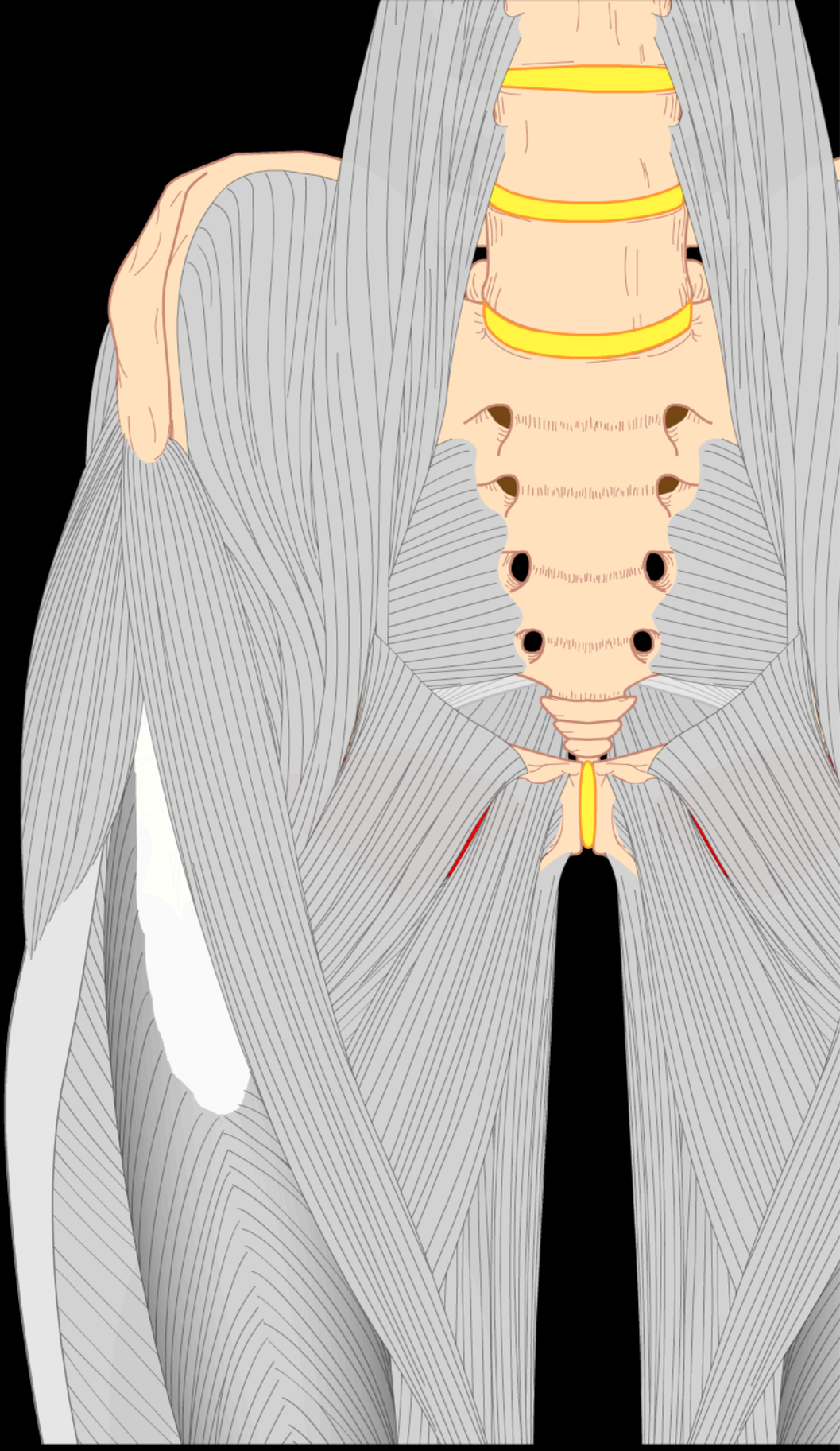


Inferior Limb

Deep Hip Rotators

Obturator externus

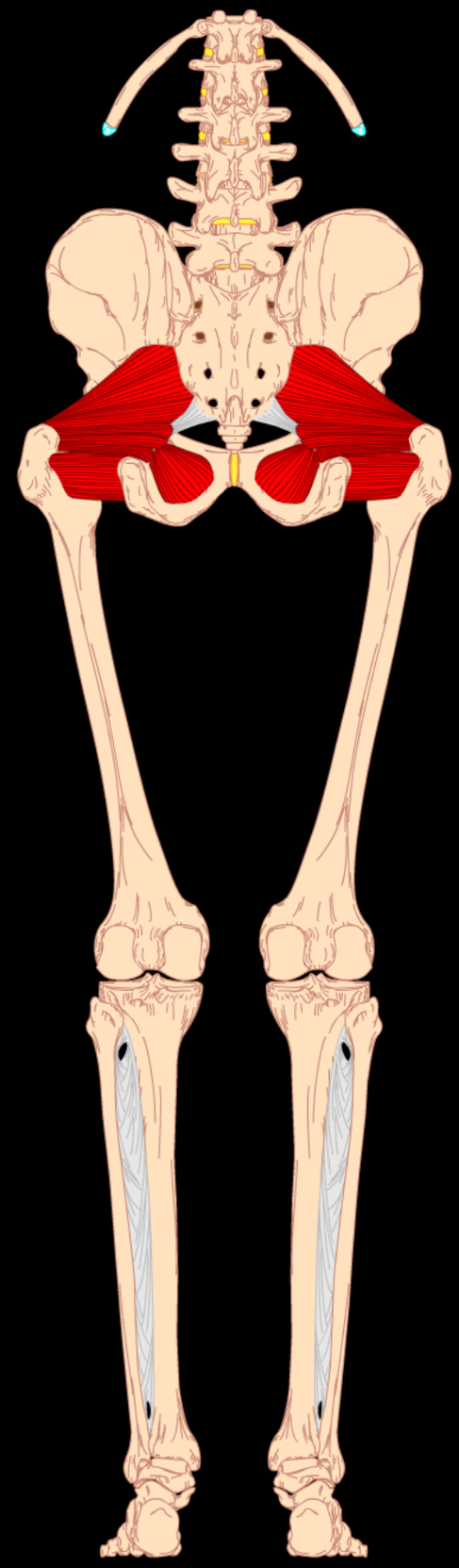
Topography



Inferior Limb

Deep Hip Rotators

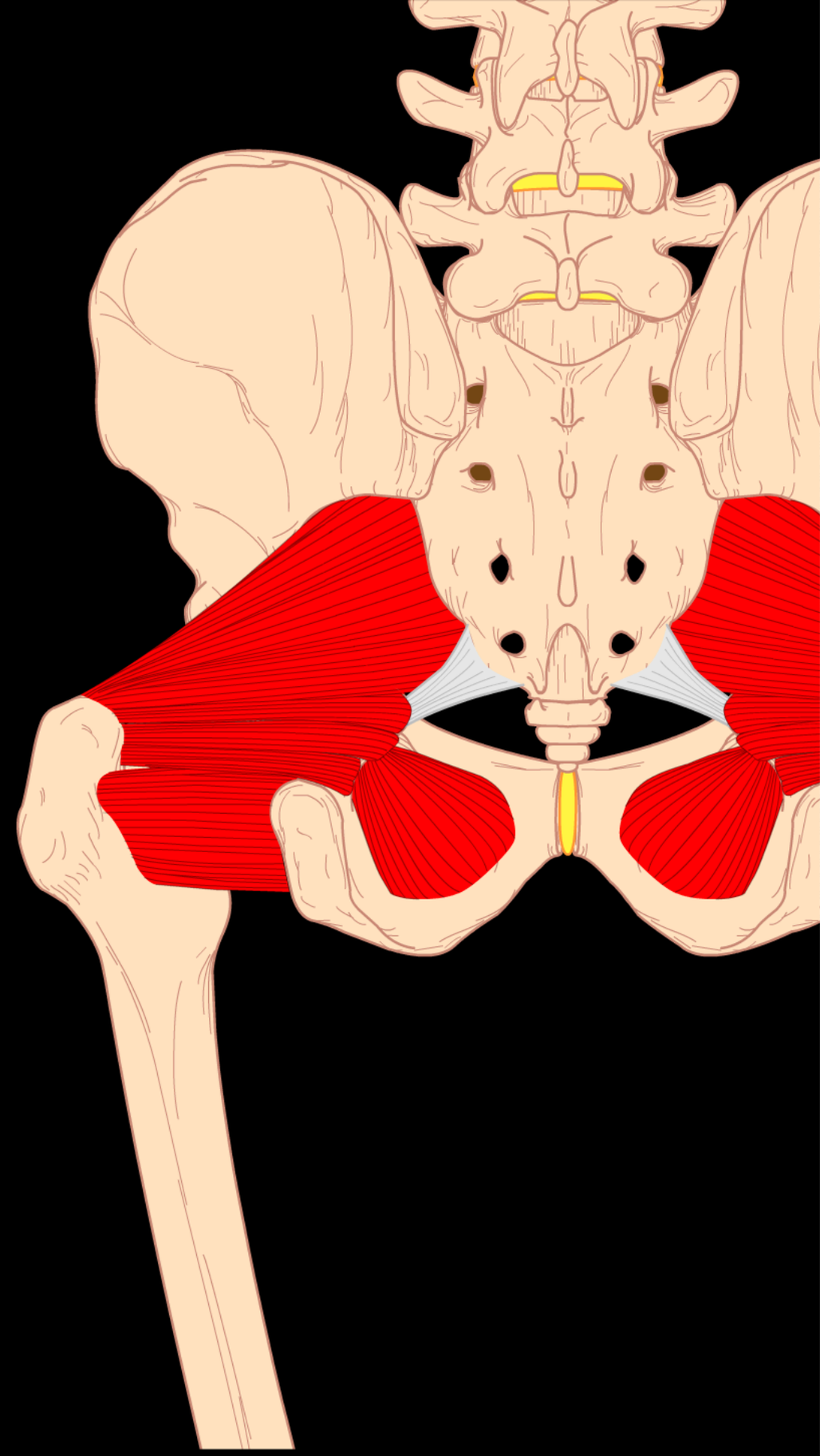
Summary



Inferior Limb

Deep Hip Rotators

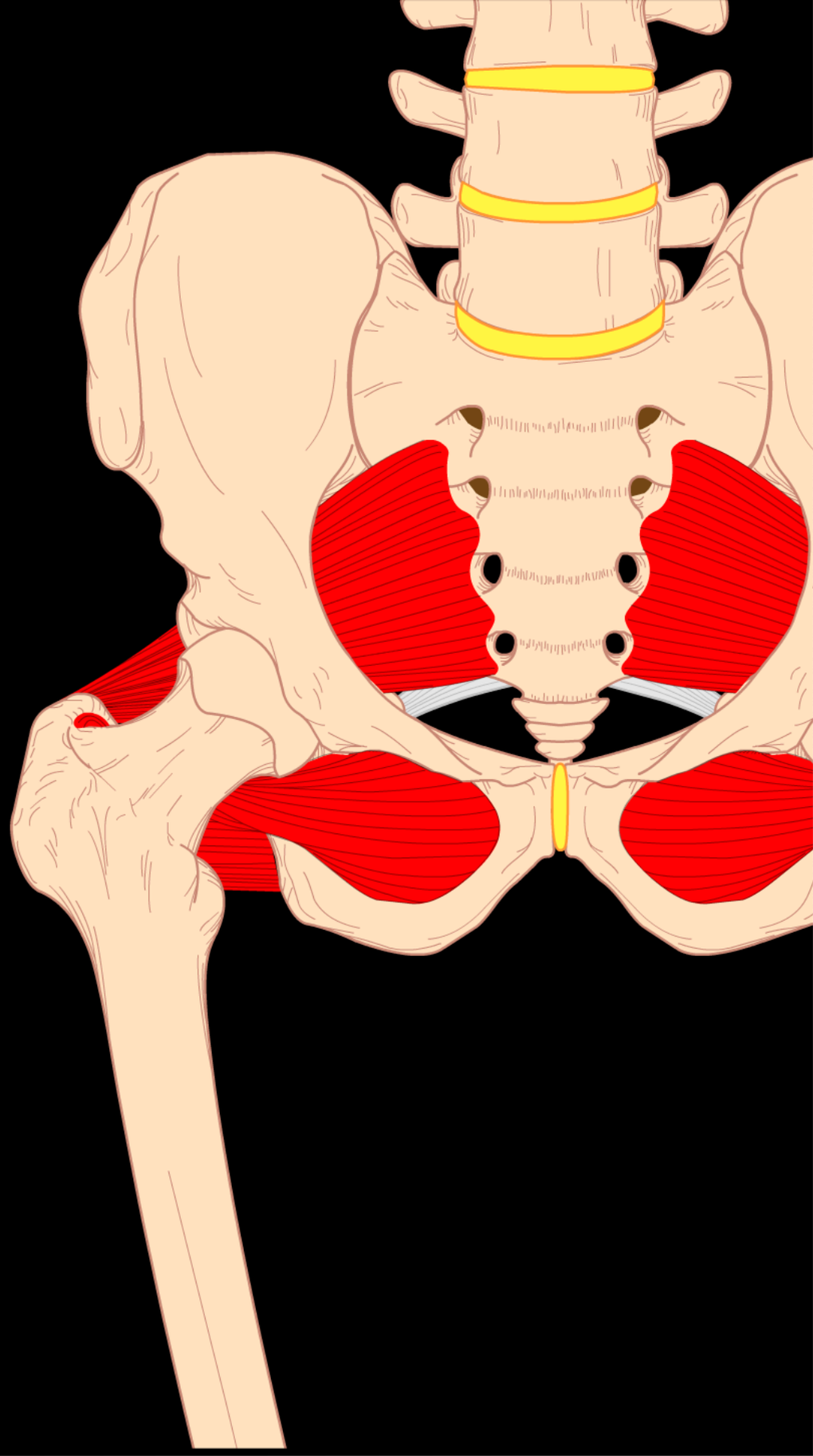
Summary



Inferior Limb

Deep Hip Rotators

Summary

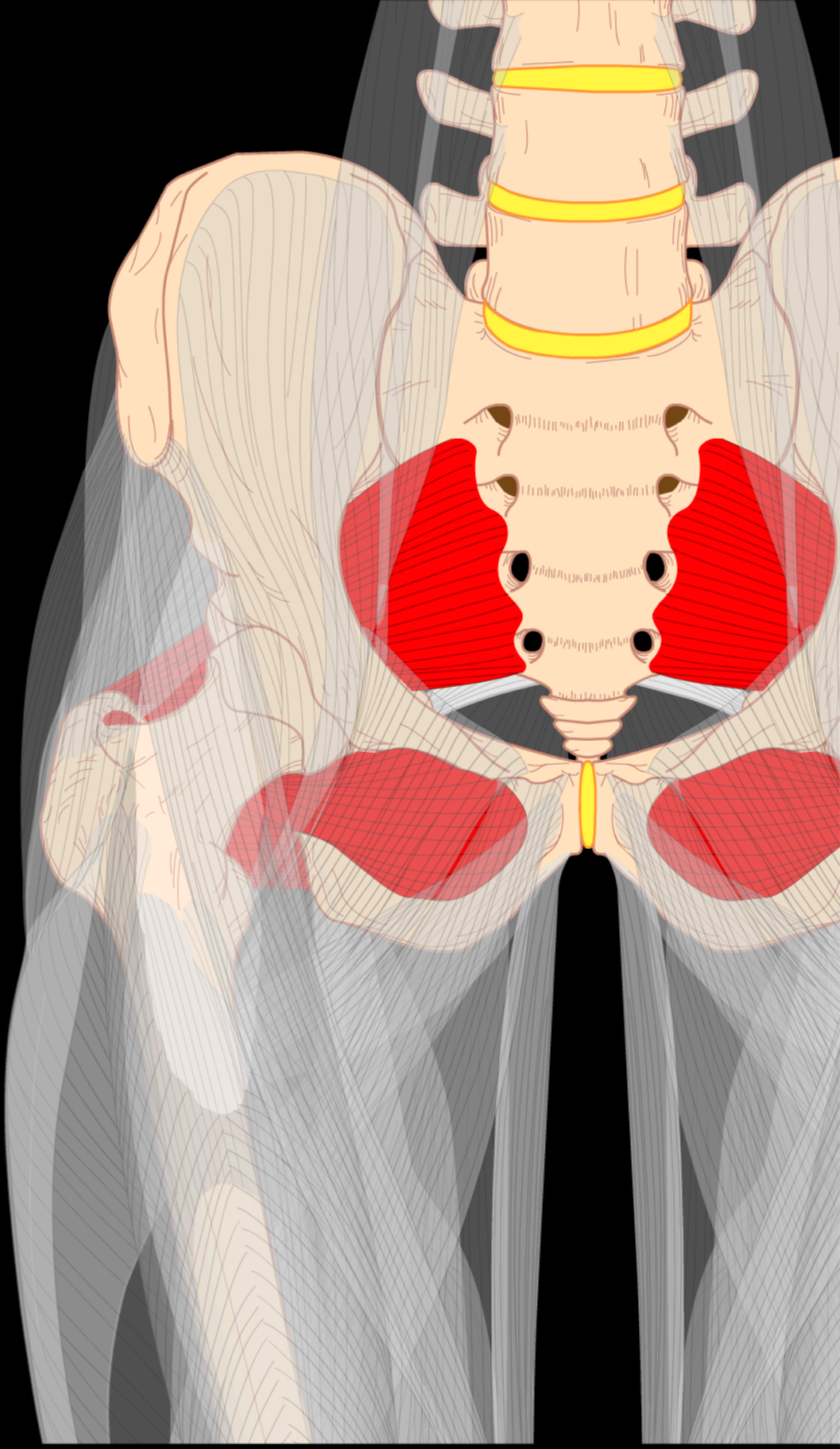


Inferior Limb

Deep Hip Rotators

Summary

Topography

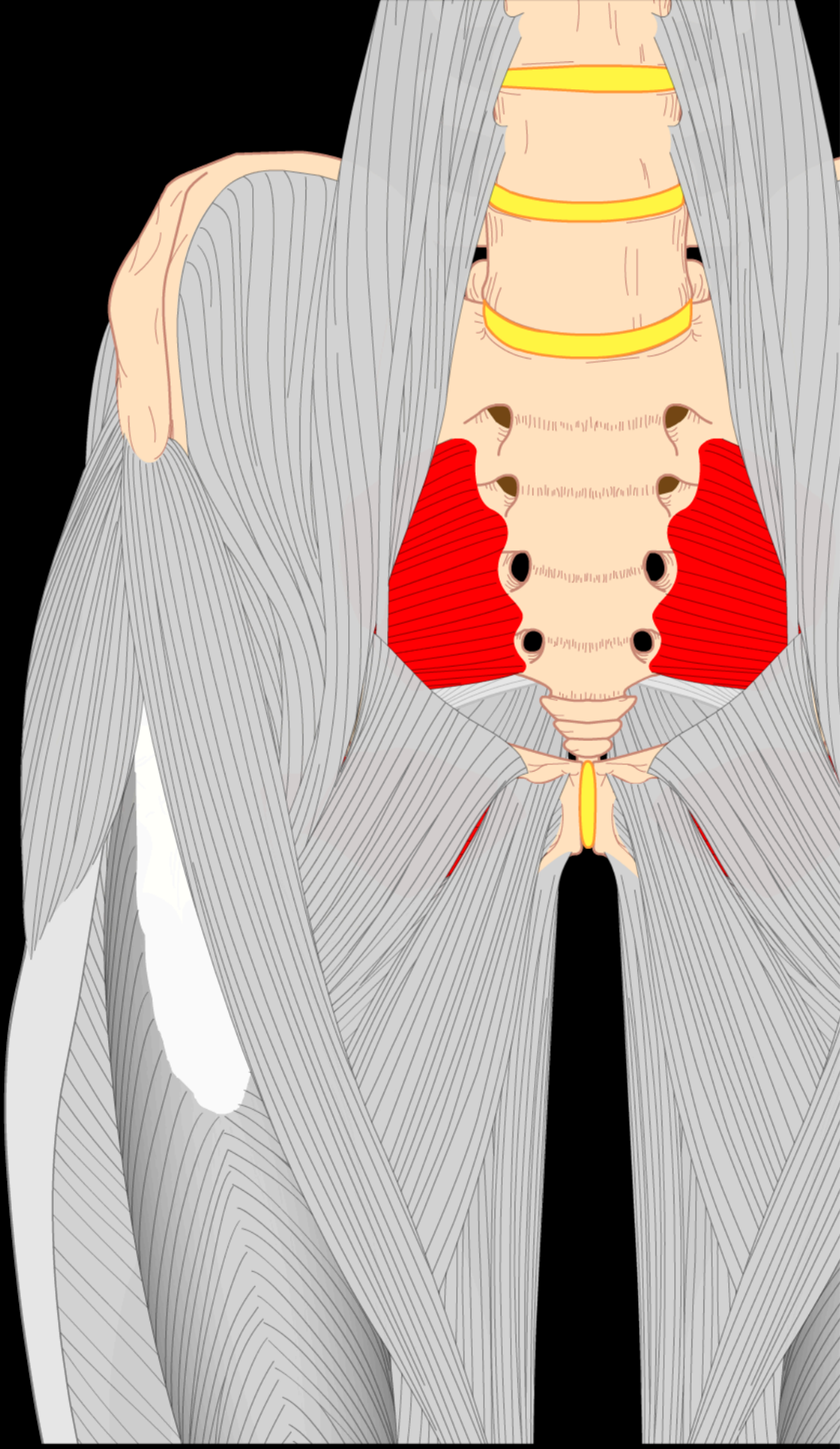


Inferior Limb

Deep Hip Rotators

Summary

Topography

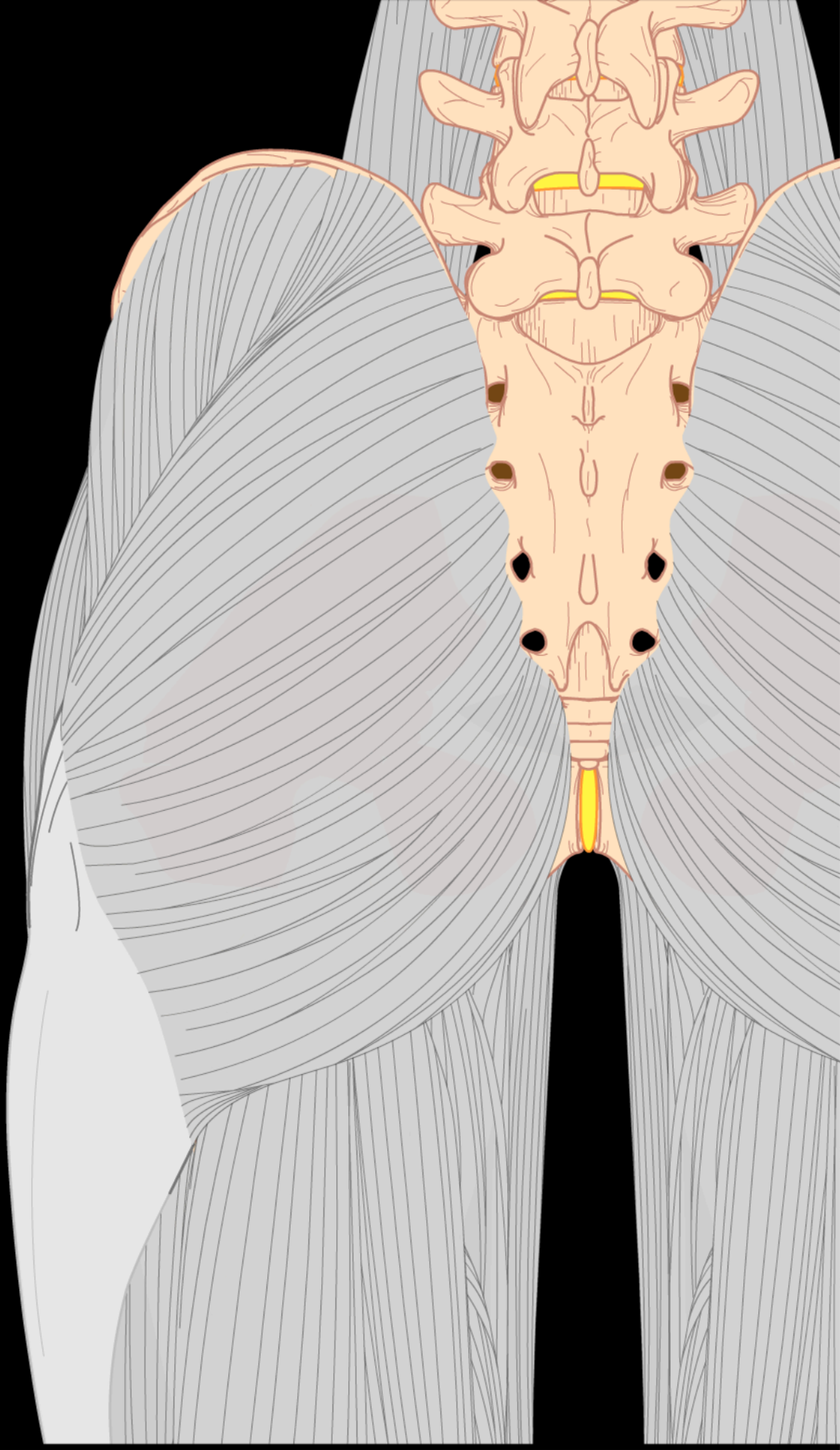


Inferior Limb

Deep Hip Rotators

Summary

Topography

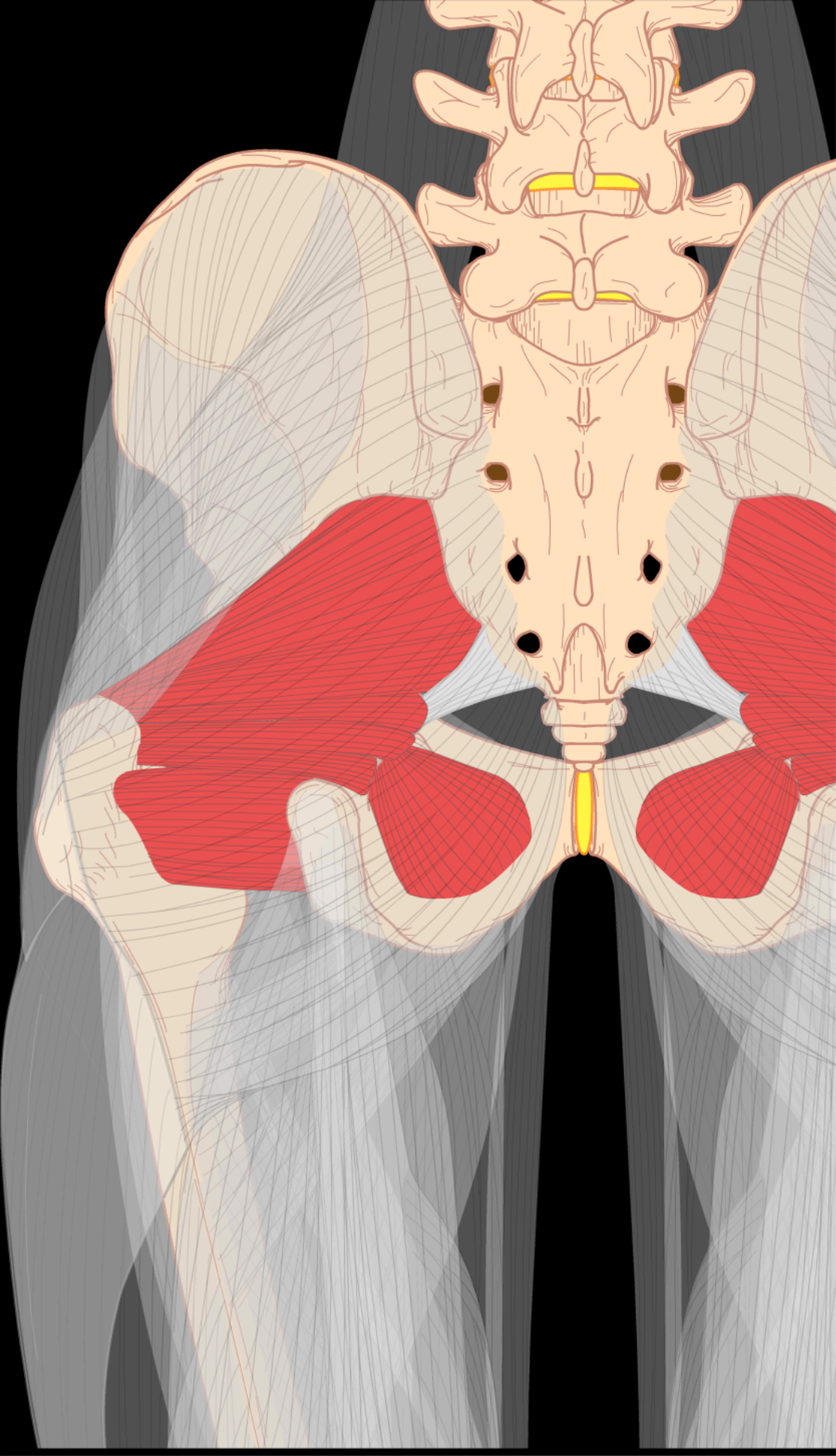


Inferior Limb

Deep Hip Rotators

Summary

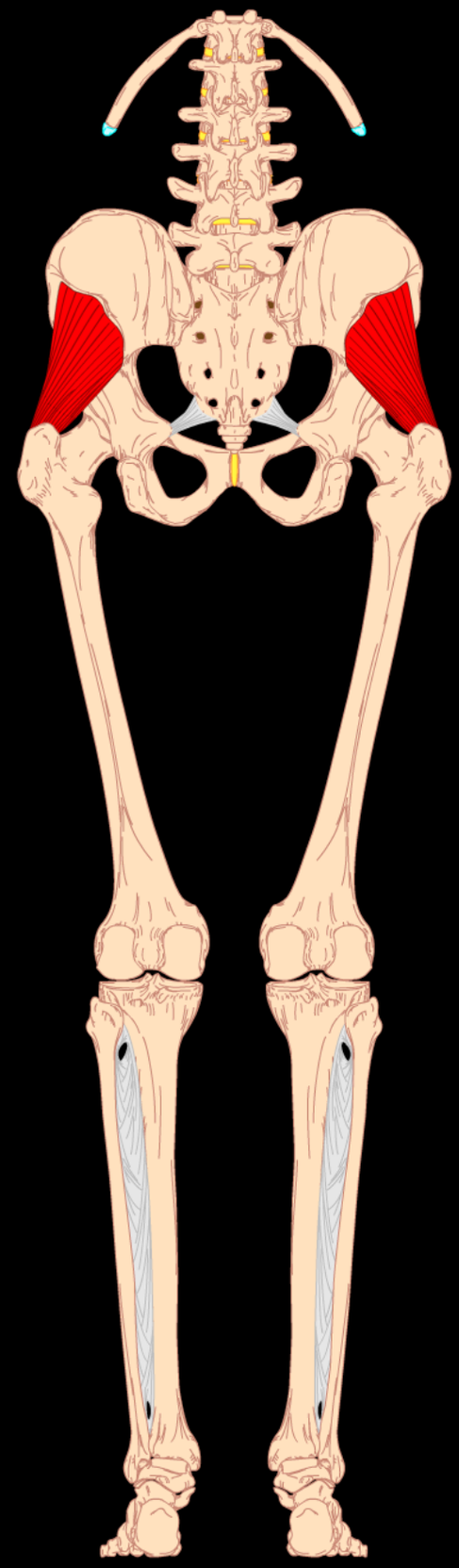
Topography



Inferior Limb

Gluteal Muscles

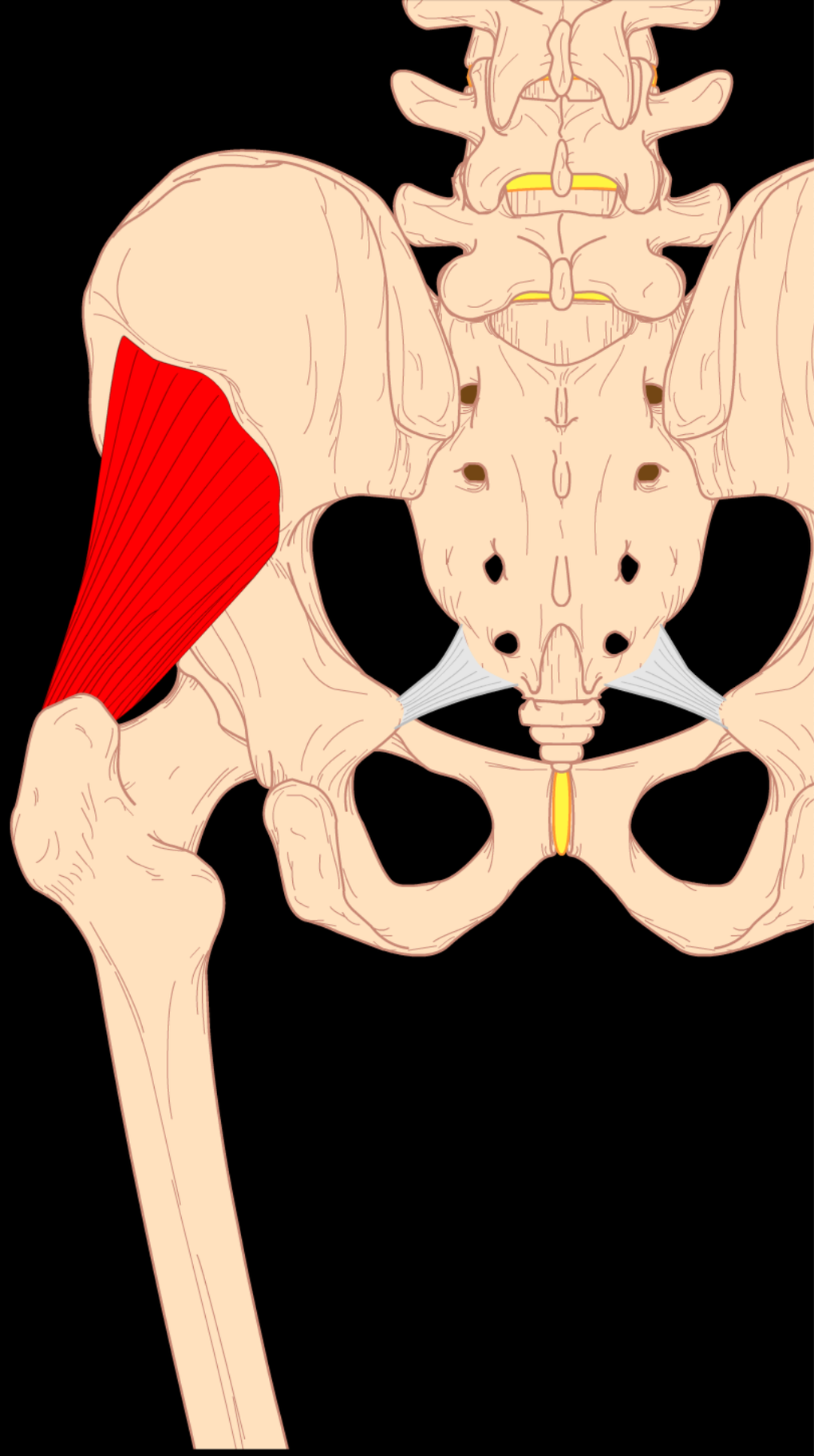
Gluteus minimis



Inferior Limb

Gluteal Muscles

Gluteus minimis



Inferior Limb

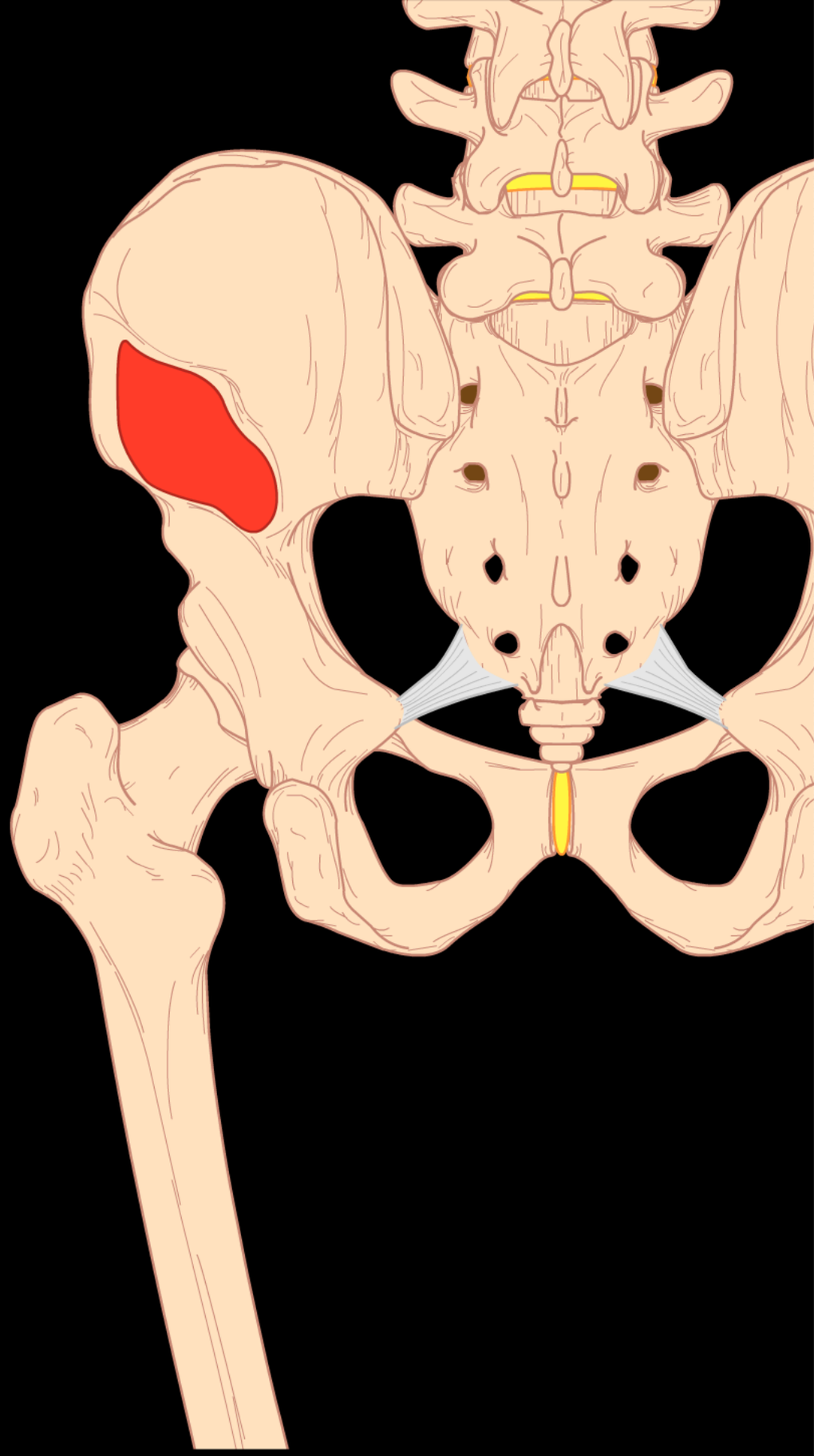
Gluteal Muscles

Gluteus minimis

Attachments

Origin

Insertion



Inferior Limb

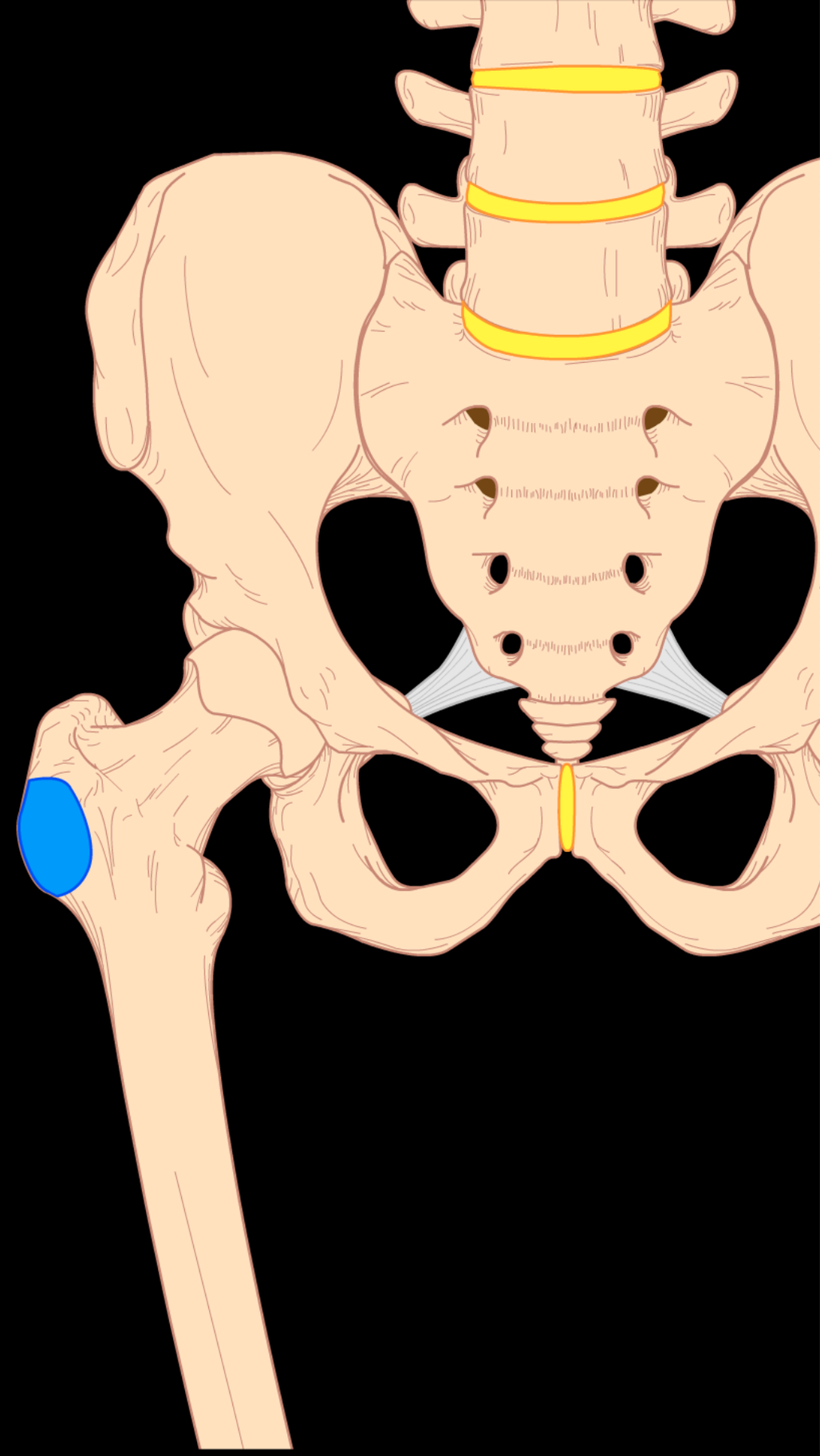
Gluteal Muscles

Gluteus minimis

Attachments

Origin

Insertion

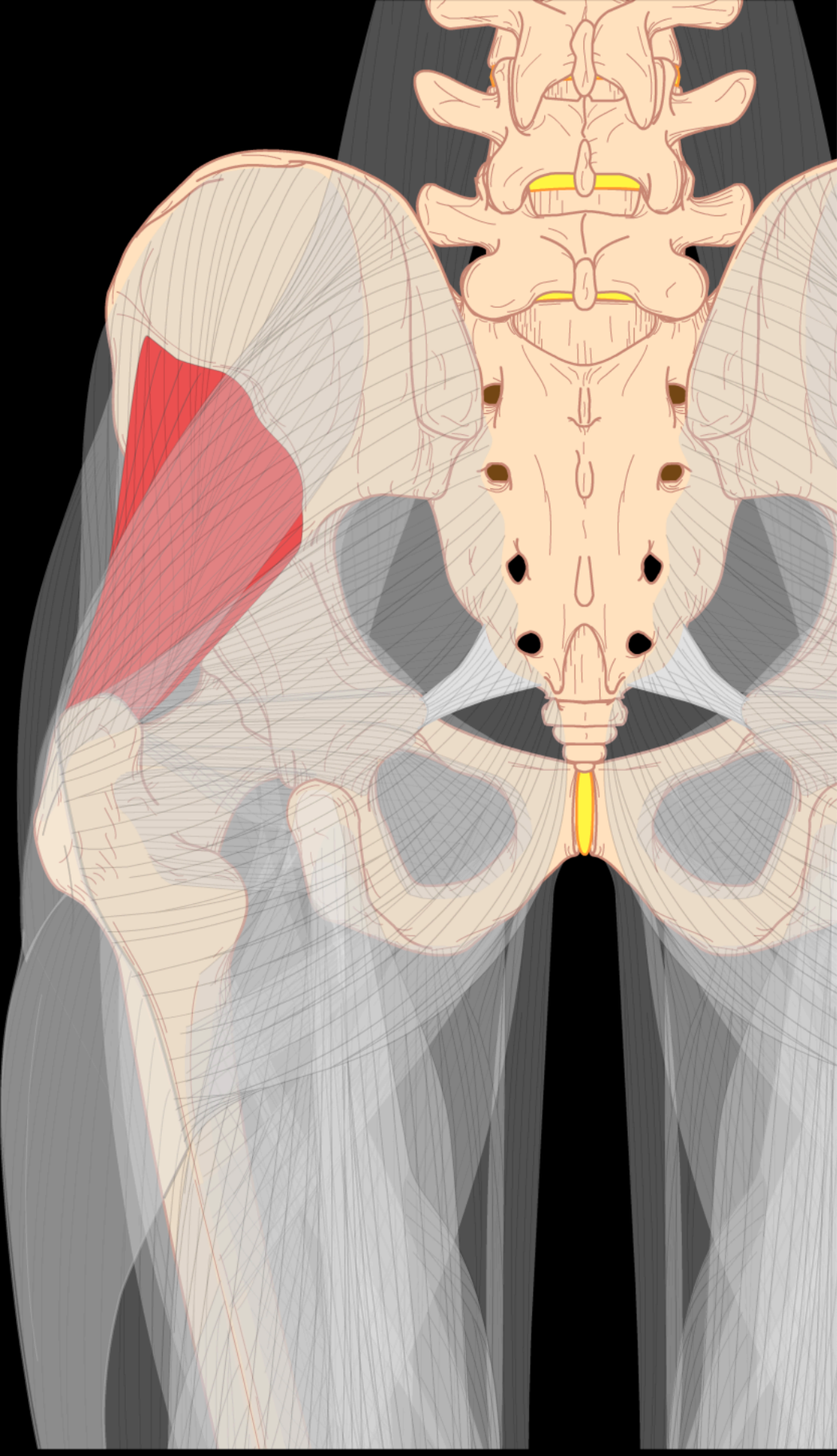


Inferior Limb

Gluteal Muscles

Gluteus minimis

Topography

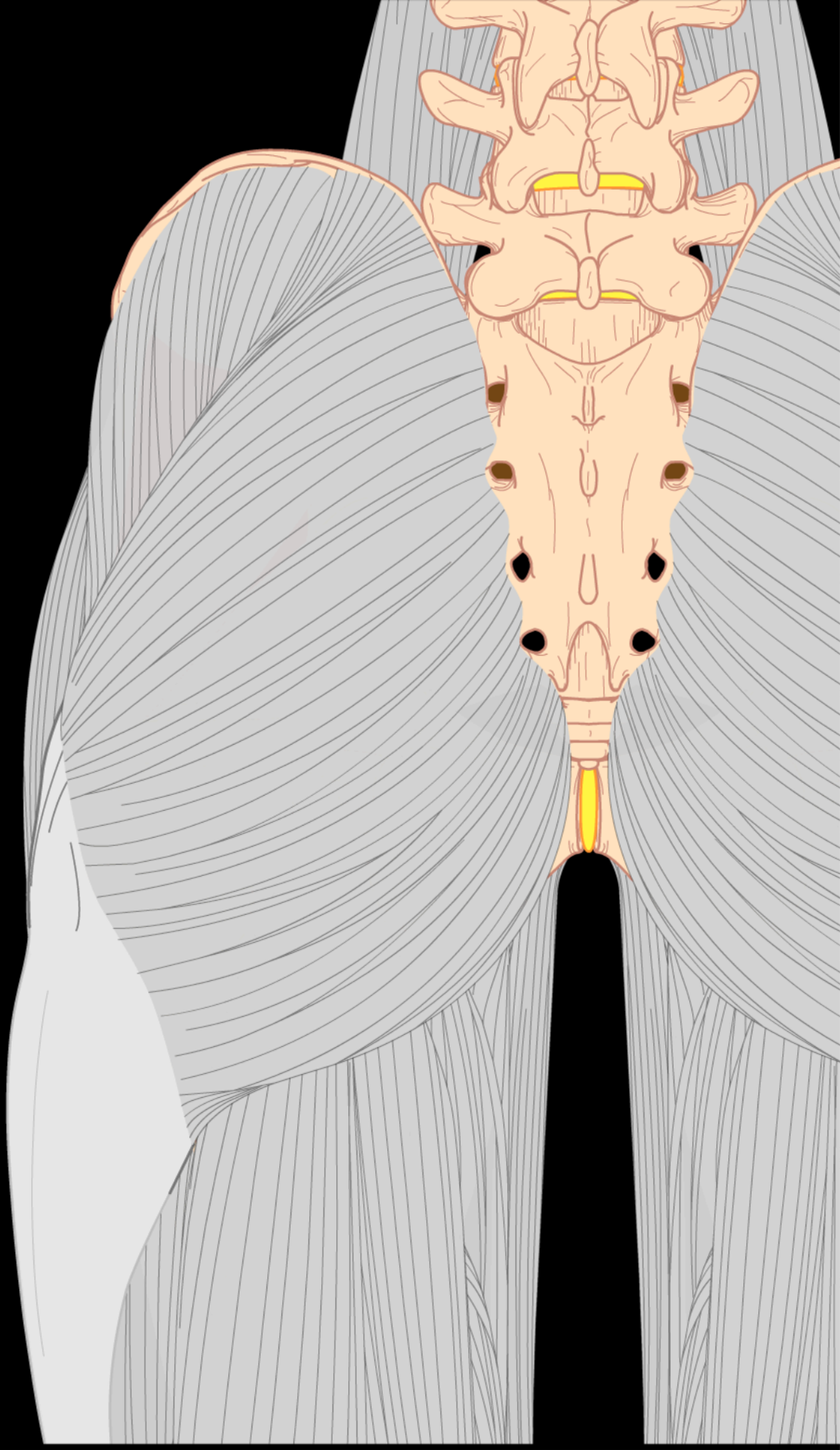


Inferior Limb

Gluteal Muscles

Gluteus minimis

Topography

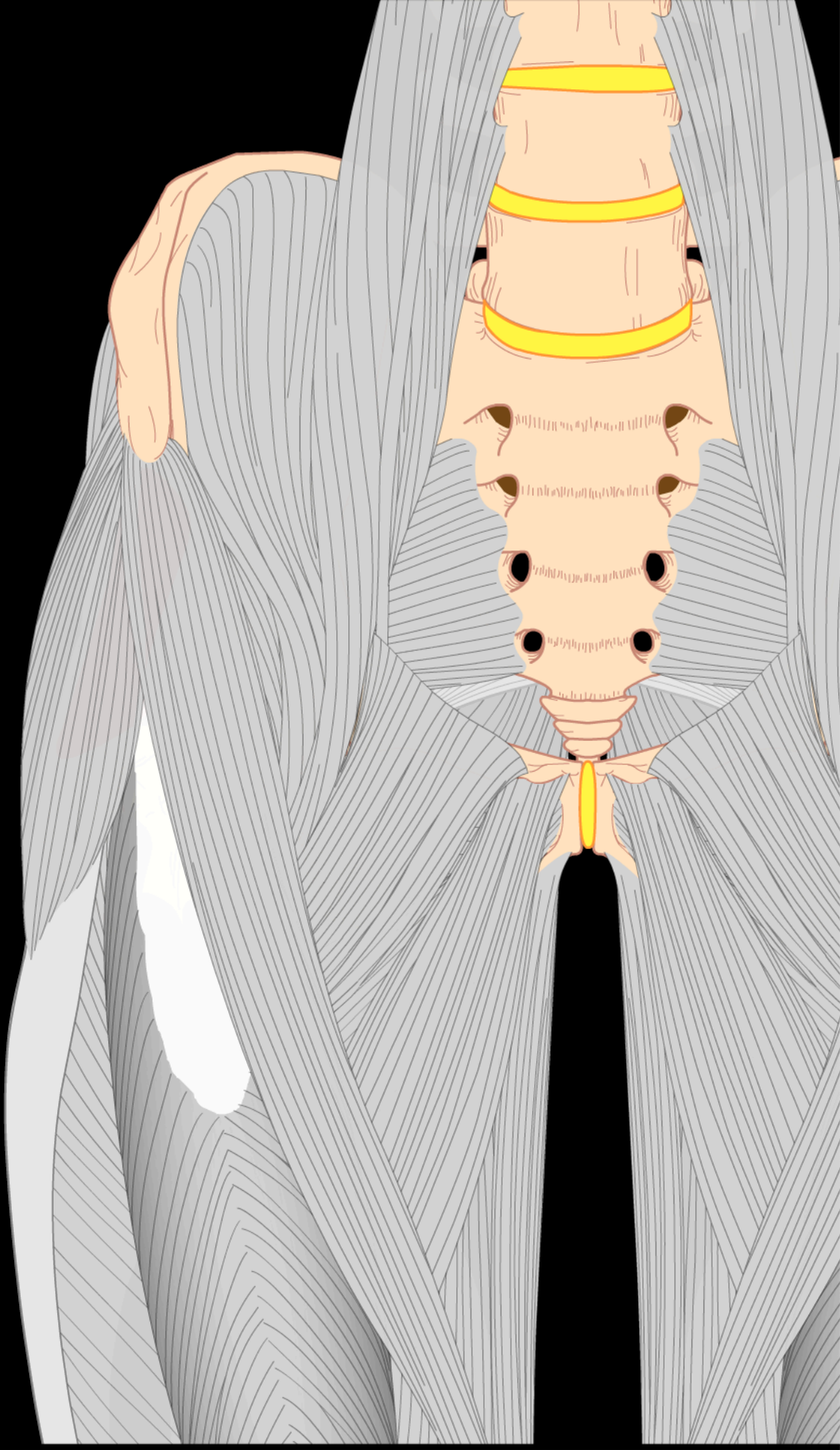


Inferior Limb

Gluteal Muscles

Gluteus minimis

Topography

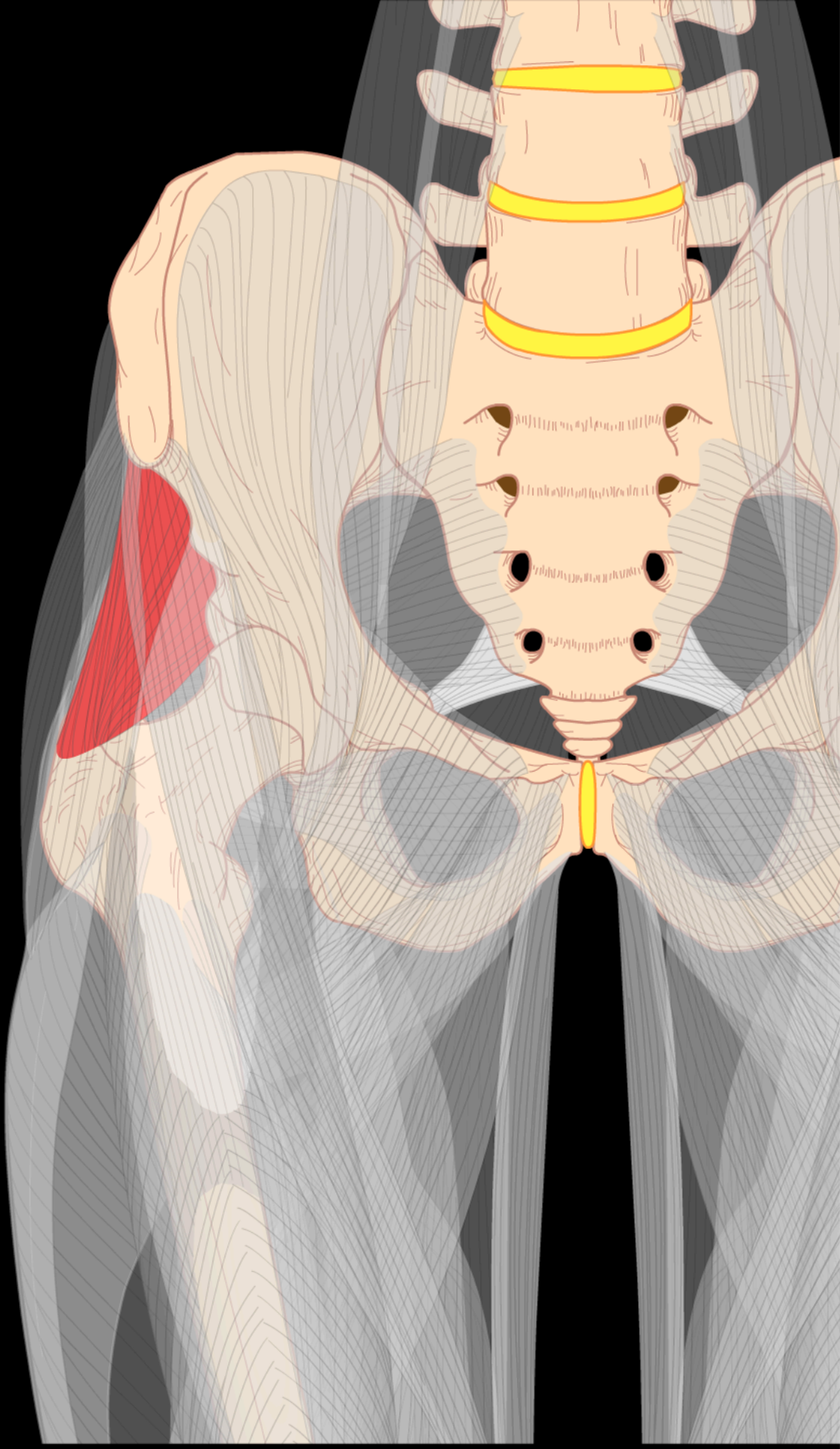


Inferior Limb

Gluteal Muscles

Gluteus minimis

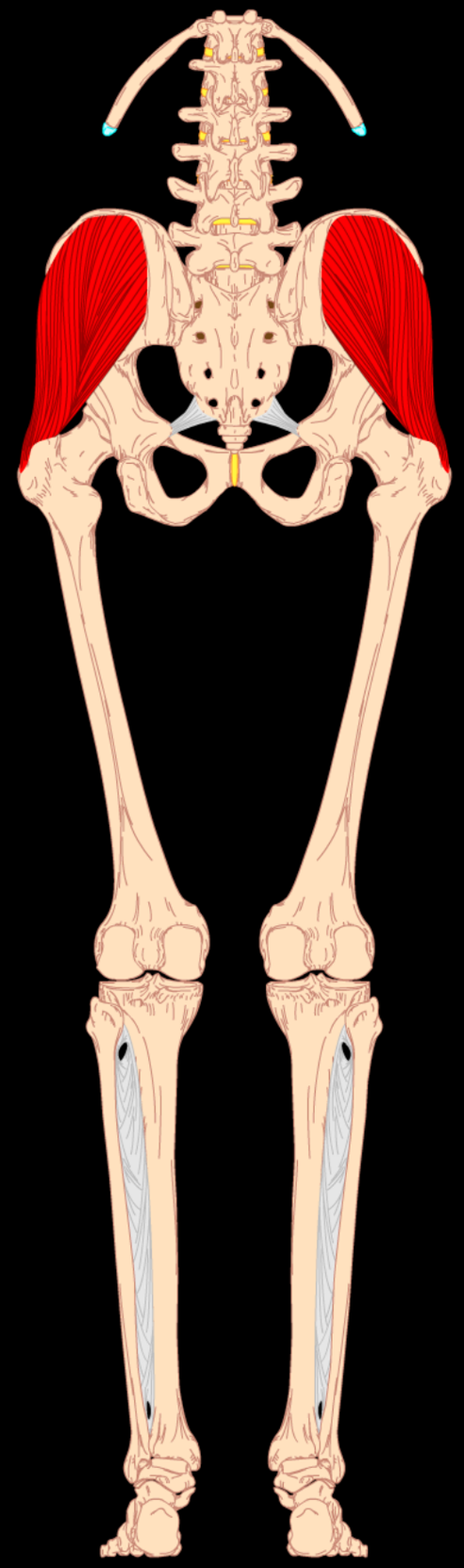
Topography



Inferior Limb

Gluteal Muscles

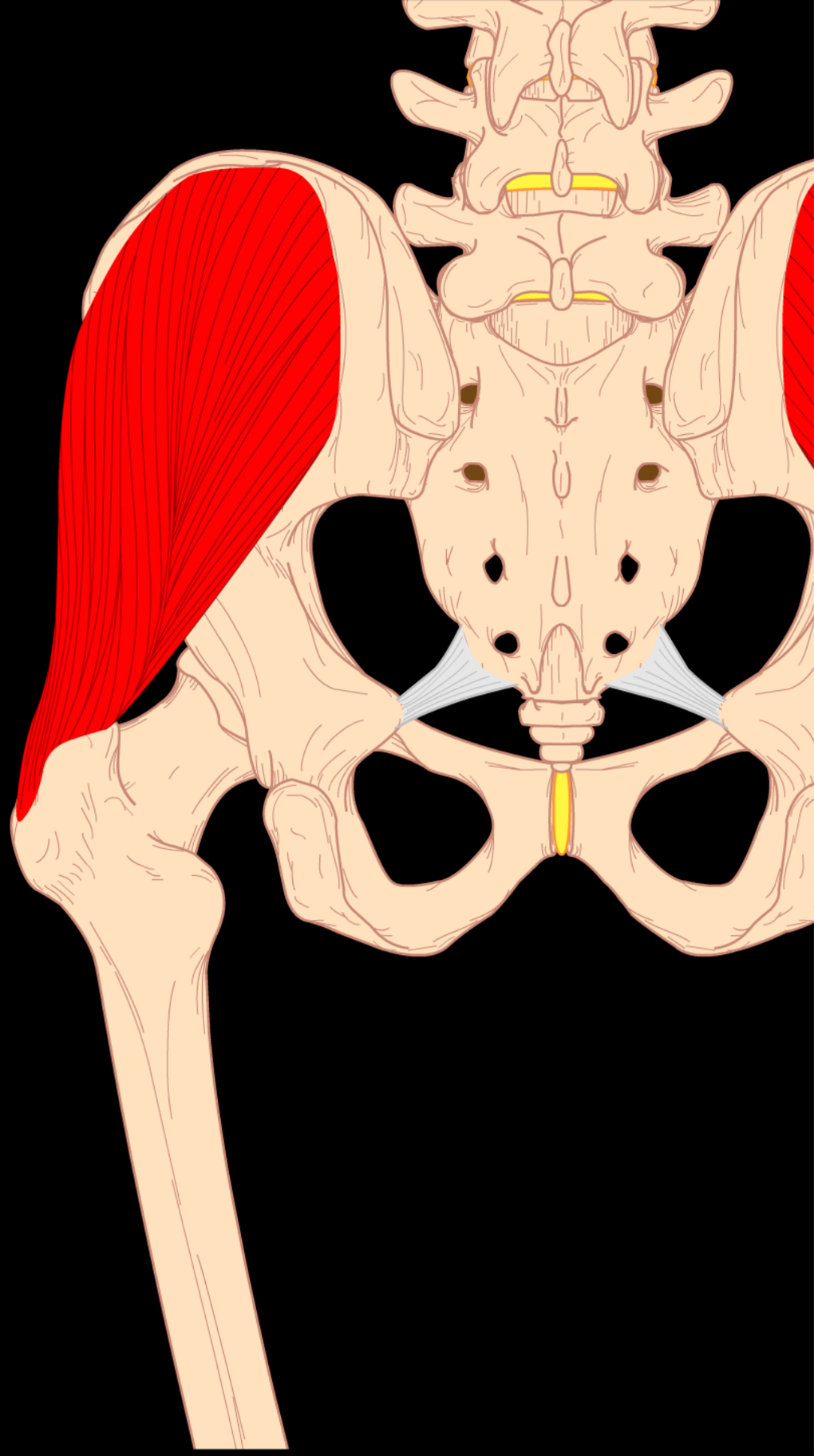
Gluteus medius



Inferior Limb

Gluteal Muscles

Gluteus medius



Inferior Limb

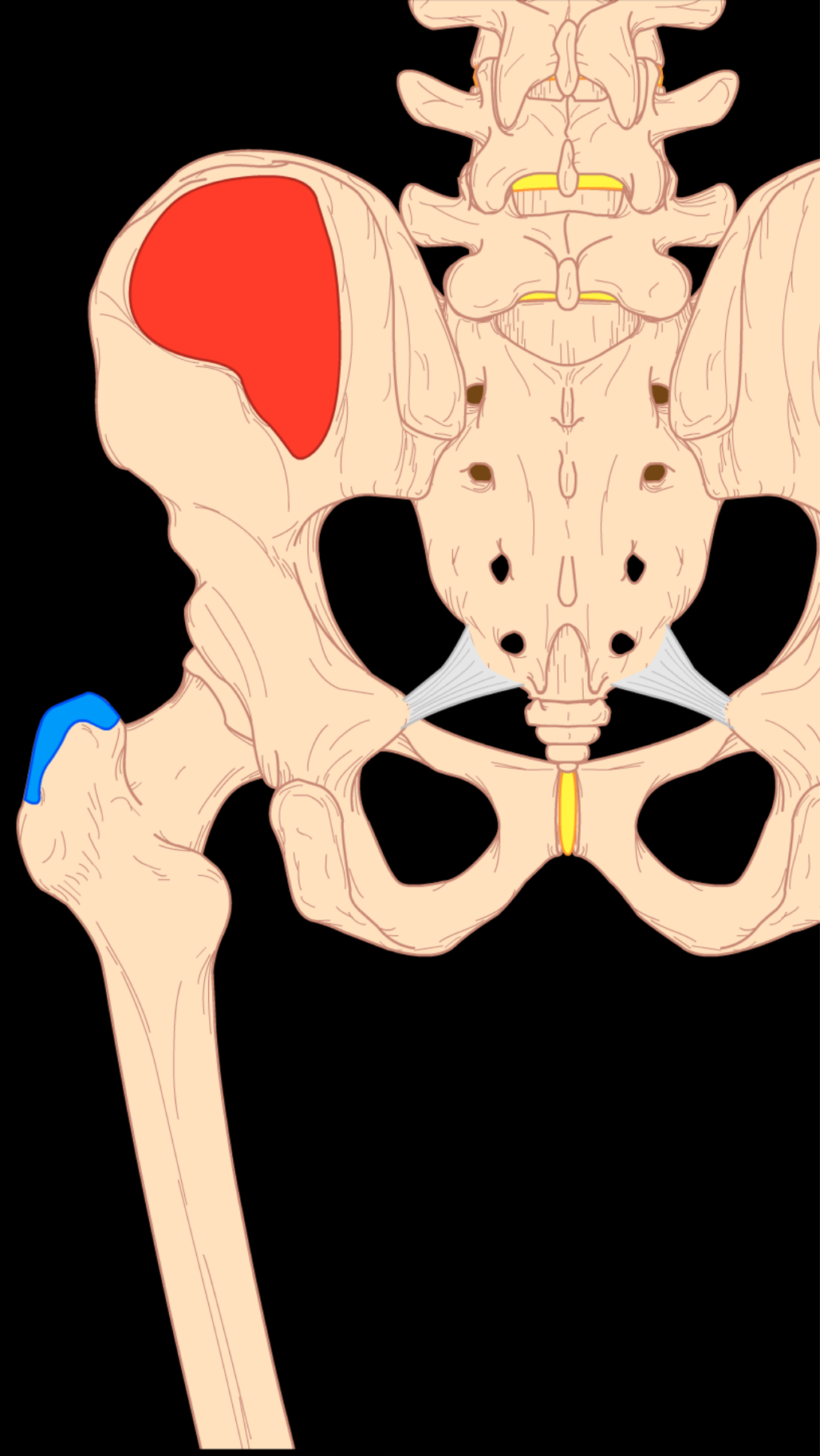
Gluteal Muscles

Gluteus medius

Attachments

Origin

Insertion

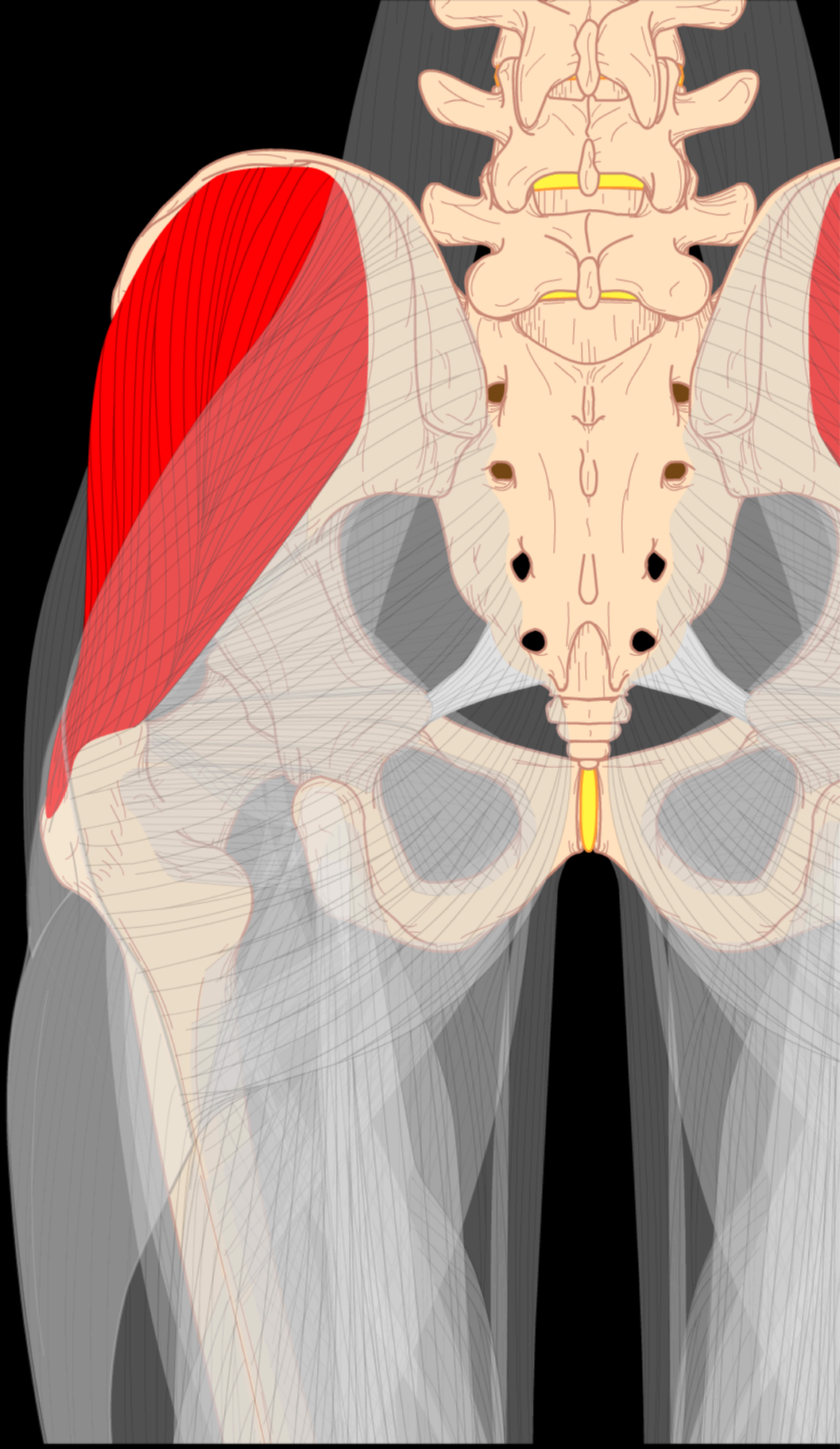


Inferior Limb

Gluteal Muscles

Gluteus medius

Topography

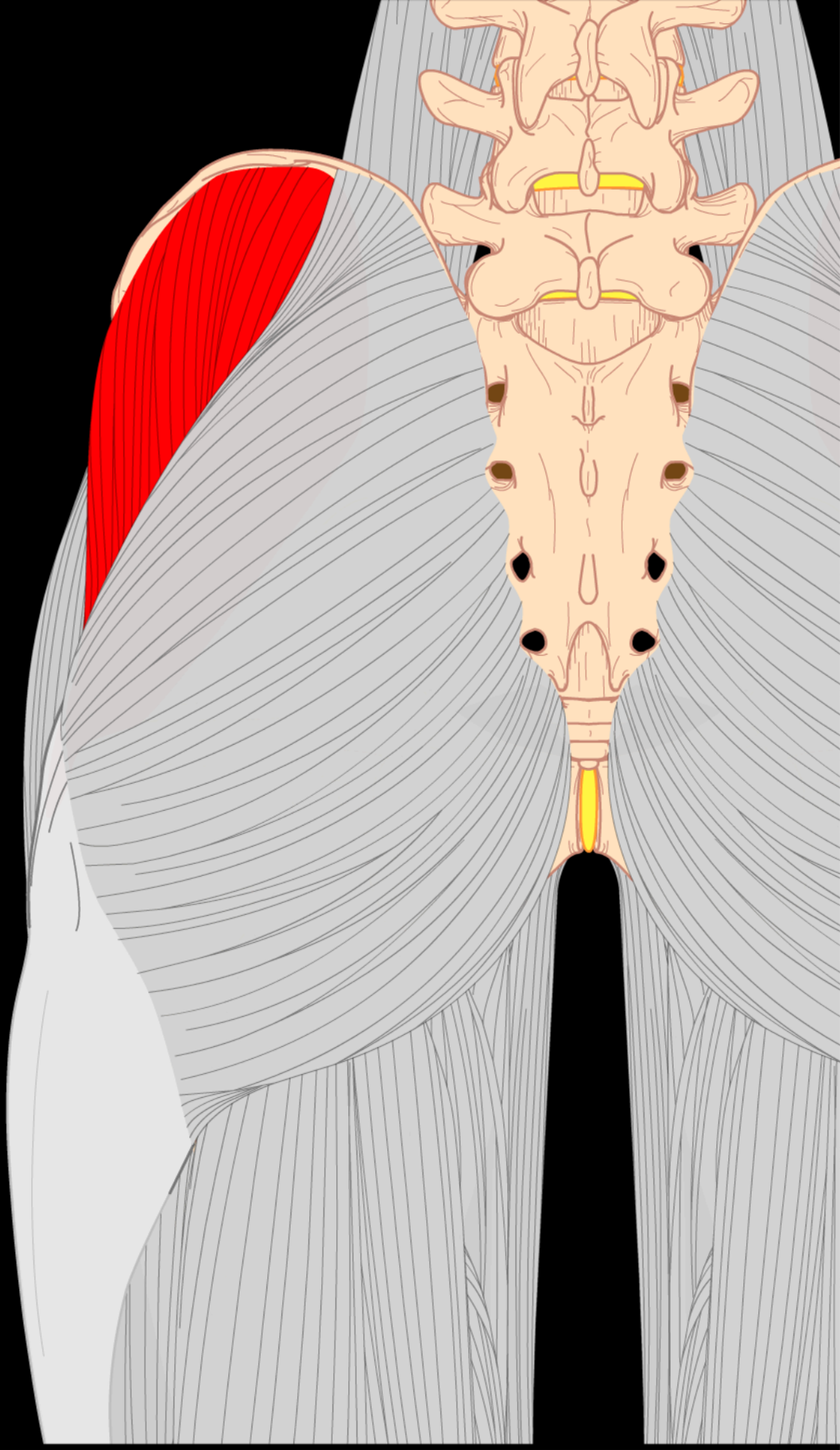


Inferior Limb

Gluteal Muscles

Gluteus medius

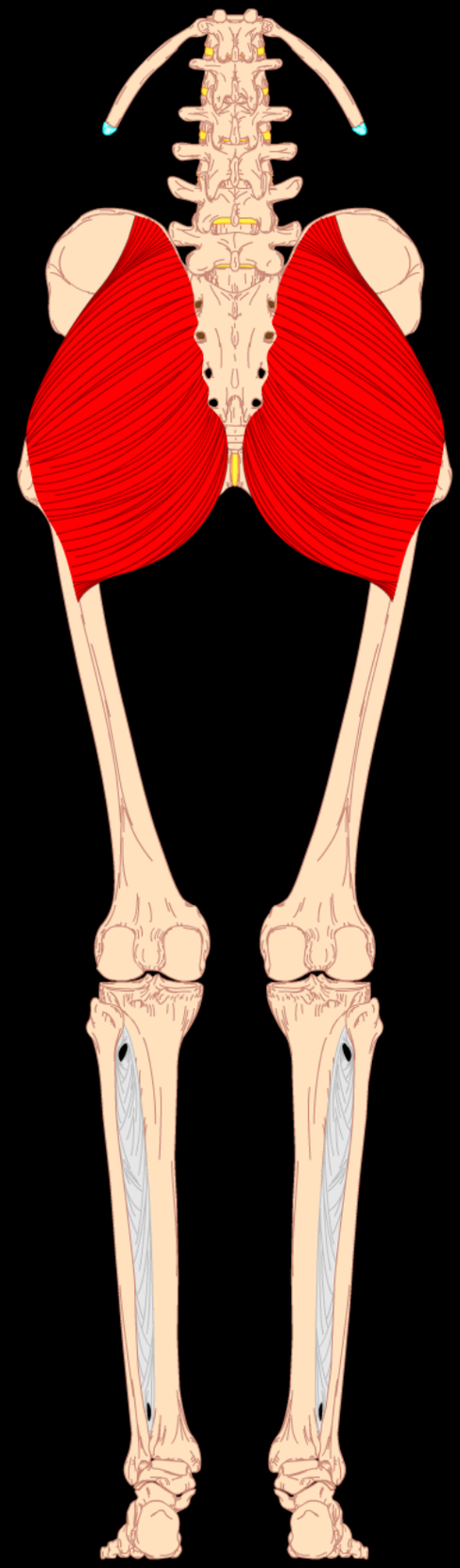
Topography



Inferior Limb

Gluteal Muscles

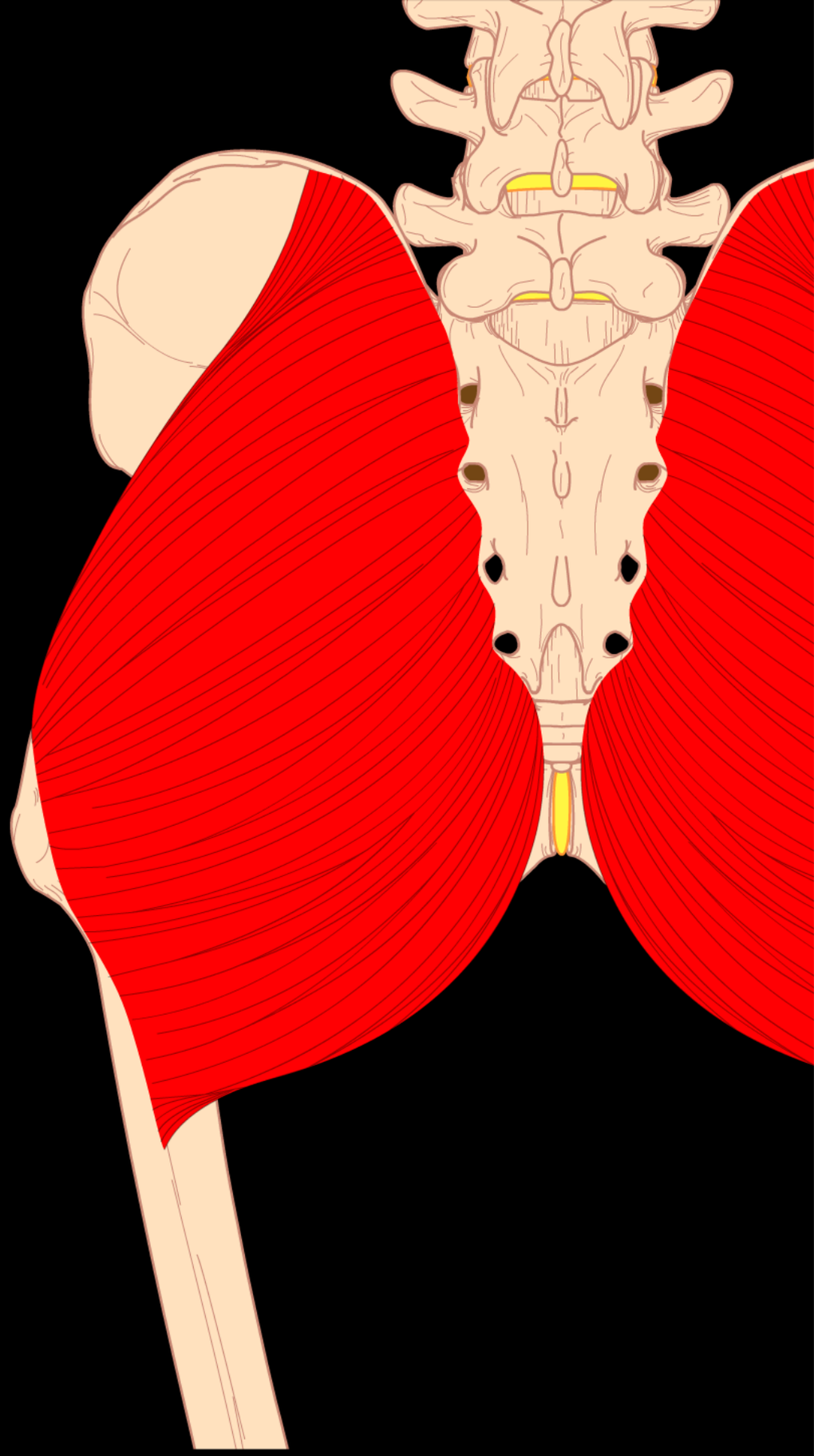
Gluteus maximus



Inferior Limb

Gluteal Muscles

Gluteus maximus



Inferior Limb

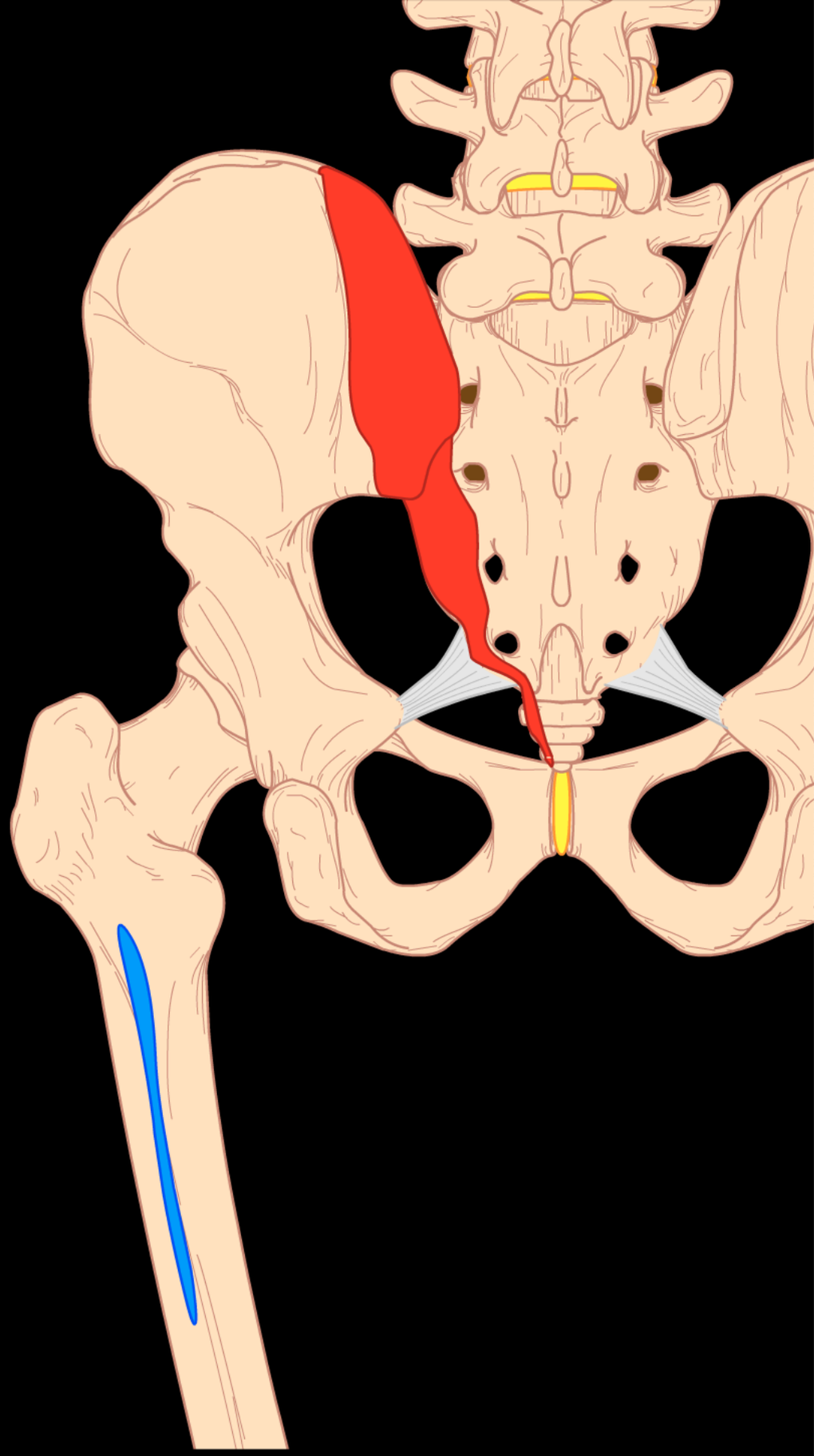
Gluteal Muscles

Gluteus maximus

Attachments

Origin

Insertion

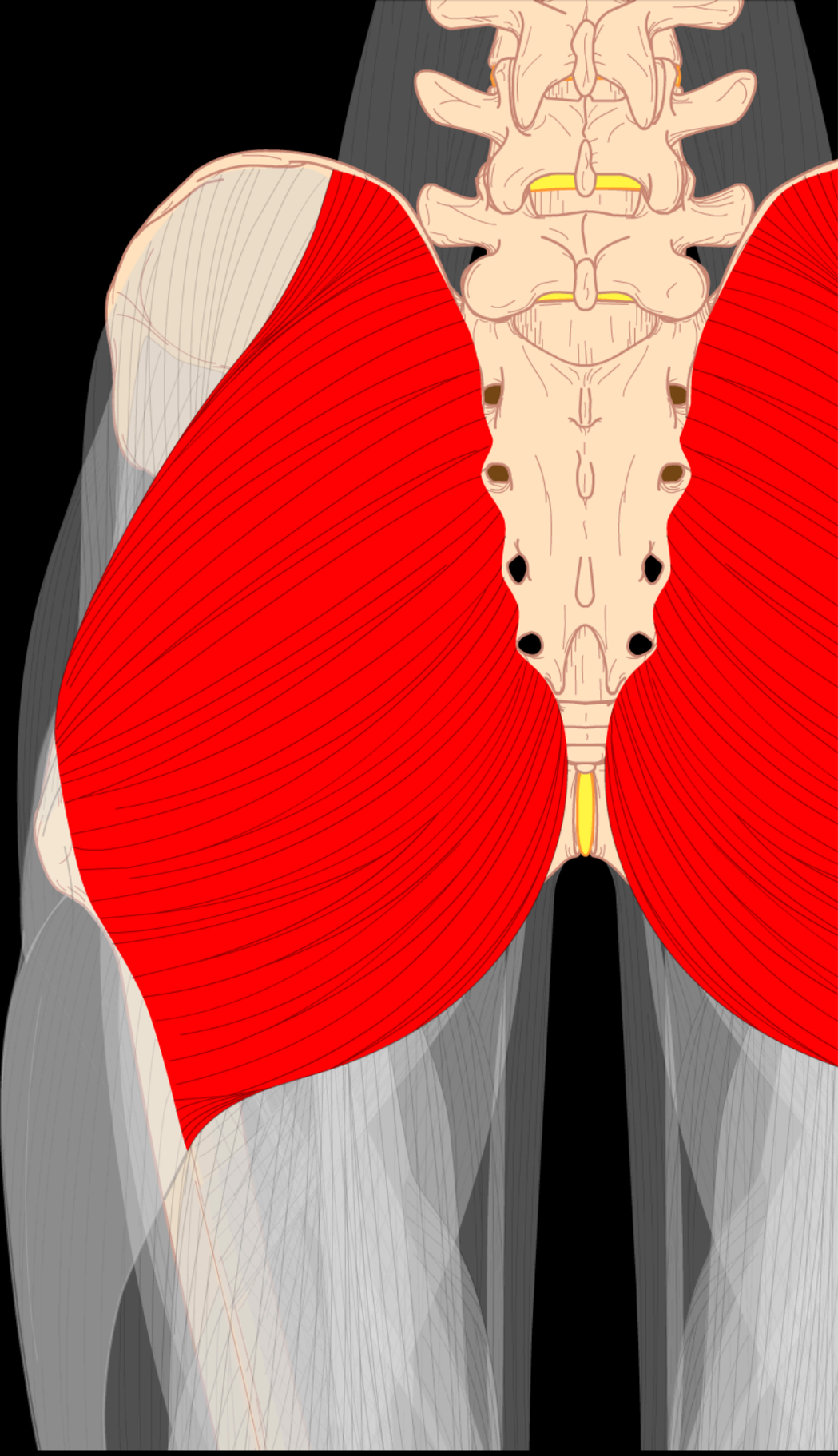


Inferior Limb

Gluteal Muscles

Gluteus maximus

Topography

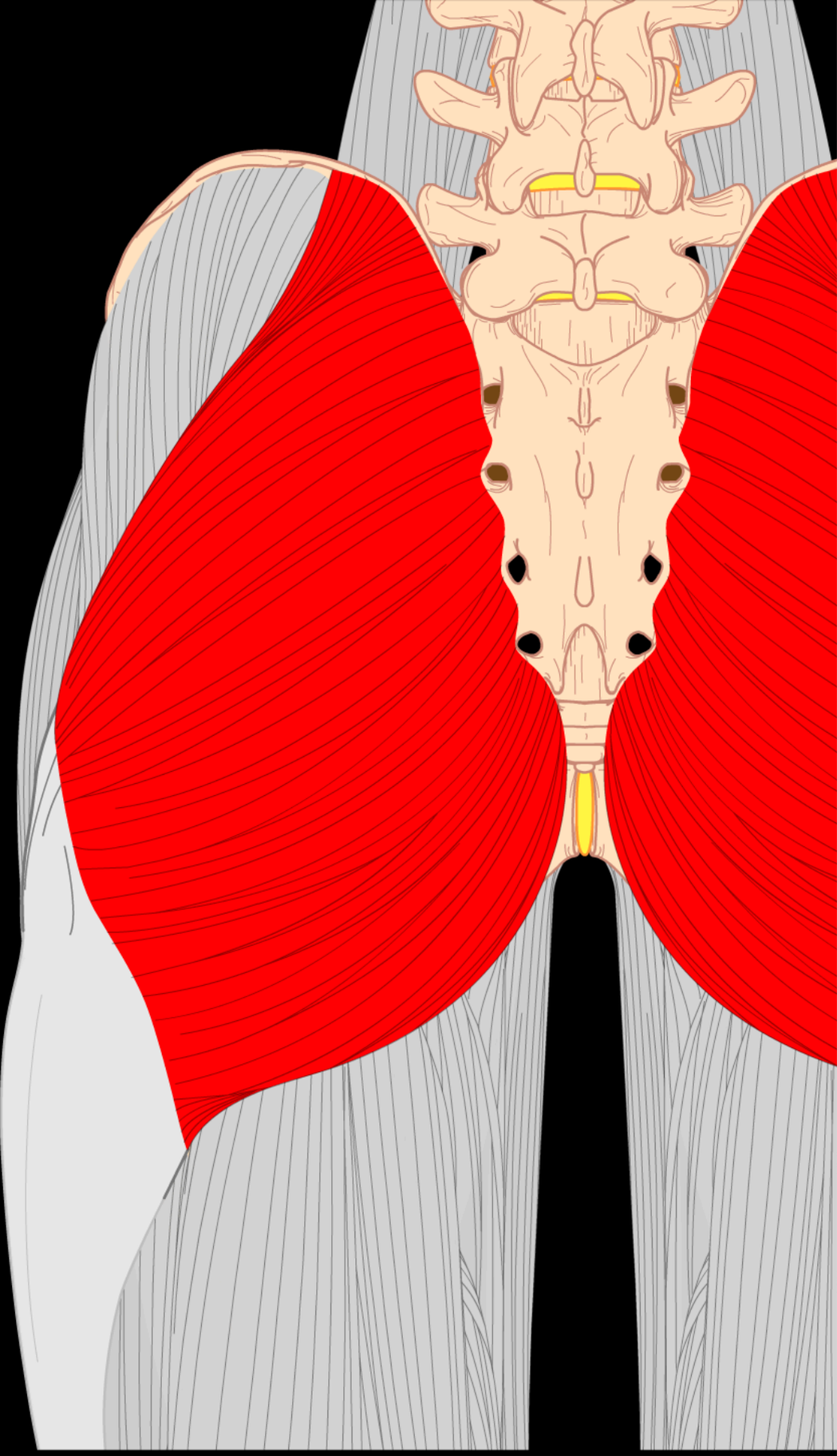


Inferior Limb

Gluteal Muscles

Gluteus maximus

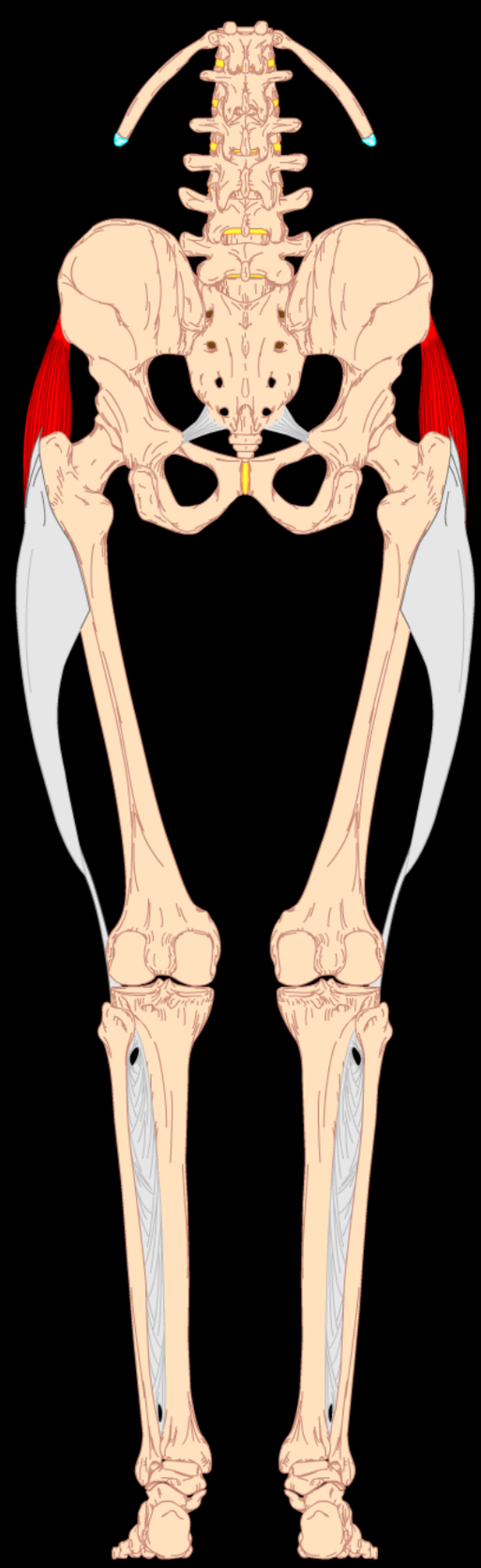
Topography



Inferior Limb

Gluteal Muscles

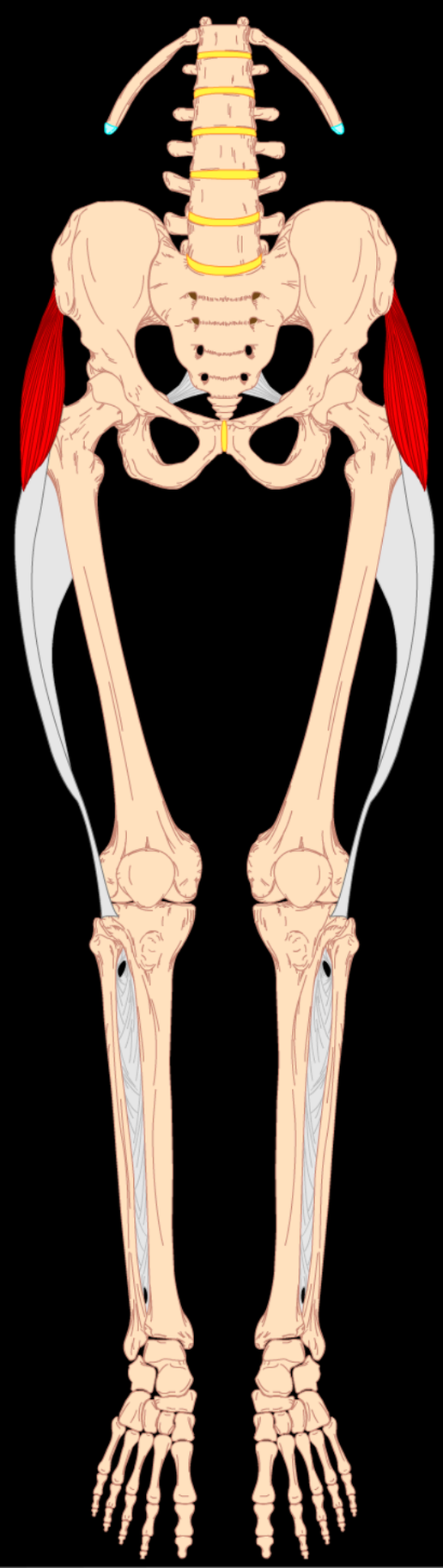
Tensor fasciae latae



Inferior Limb

Gluteal Muscles

Tensor fasciae latae



Inferior Limb

Gluteal Muscles

Tensor fasciae latae



Inferior Limb

Gluteal Muscles

Tensor fasciae latae



Inferior Limb

Gluteal Muscles

Tensor fasciae latae



Inferior Limb

Gluteal Muscles

Tensor fasciae latae



Inferior Limb

Gluteal Muscles

Tensor fasciae latae

Attachments

Origin

Insertion

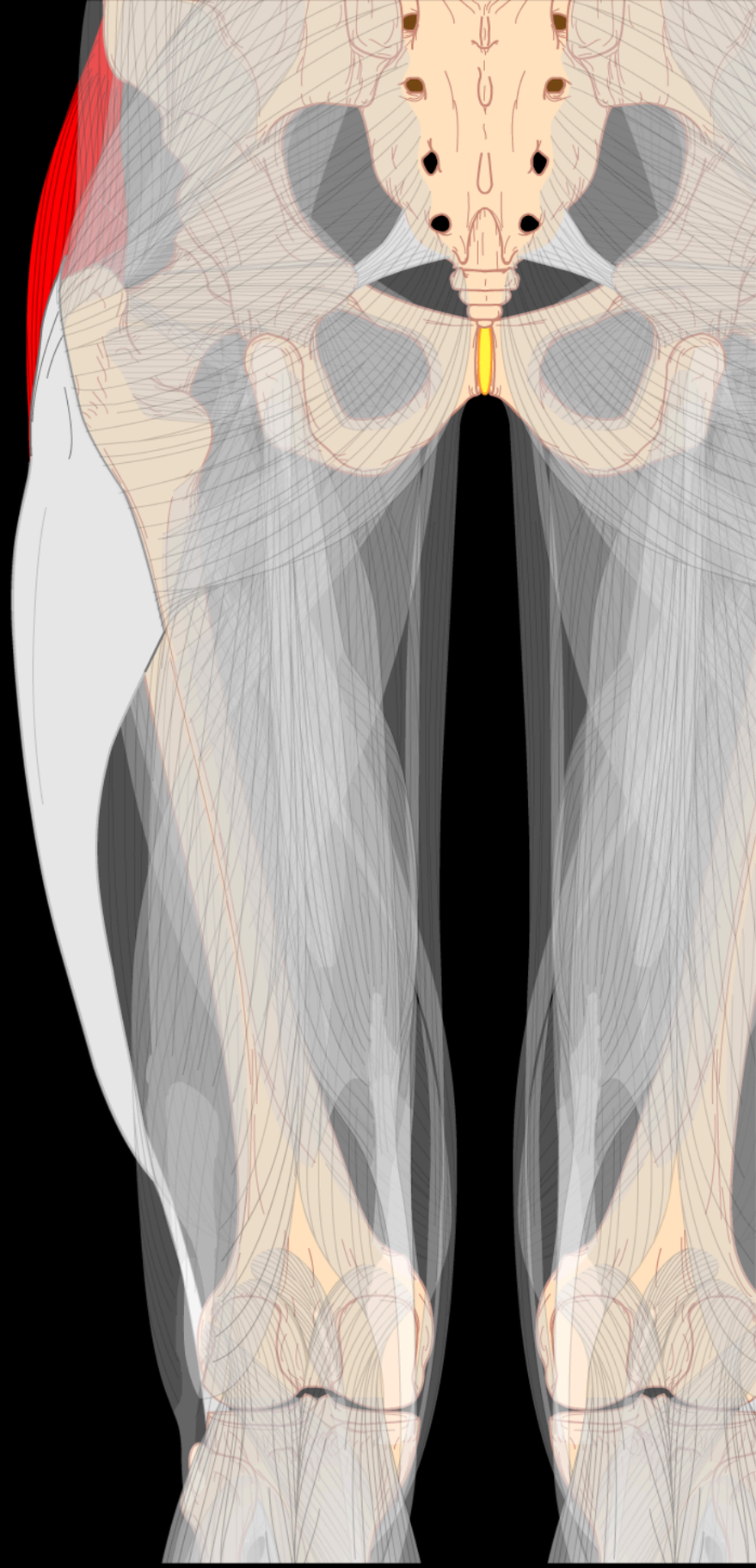


Inferior Limb

Gluteal Muscles

Tensor fasciae latae

Topography



Inferior Limb

Gluteal Muscles

Tensor fasciae latae

Topography



Inferior Limb

Gluteal Muscles

Tensor fasciae latae

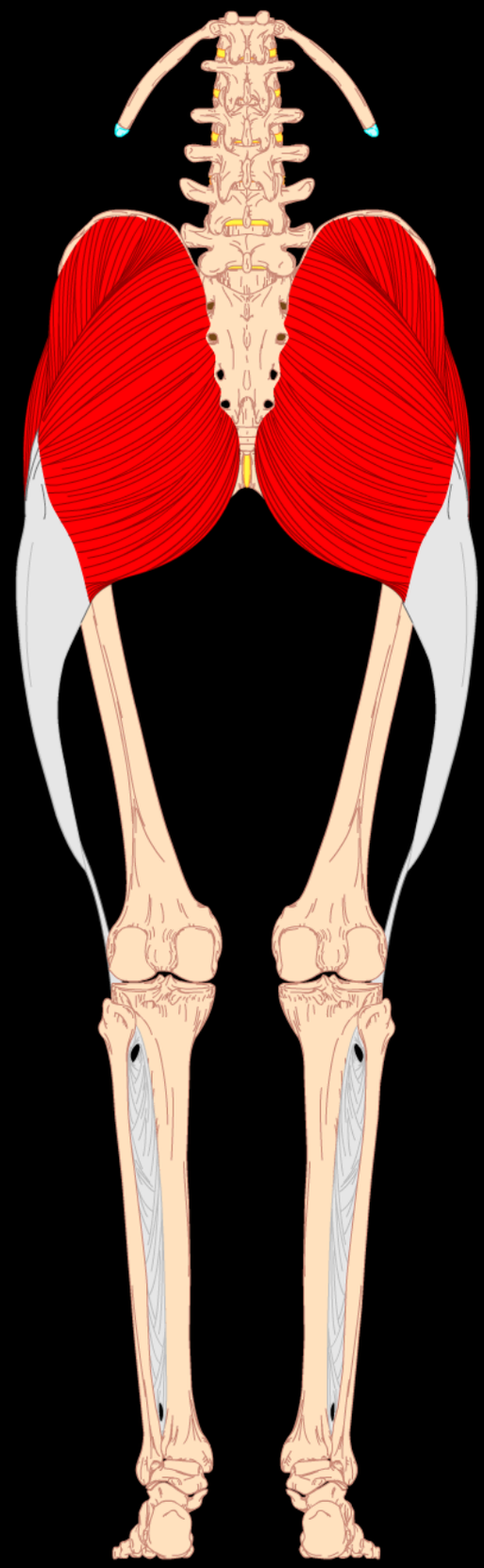
Topography



Inferior Limb

Gluteal Muscles

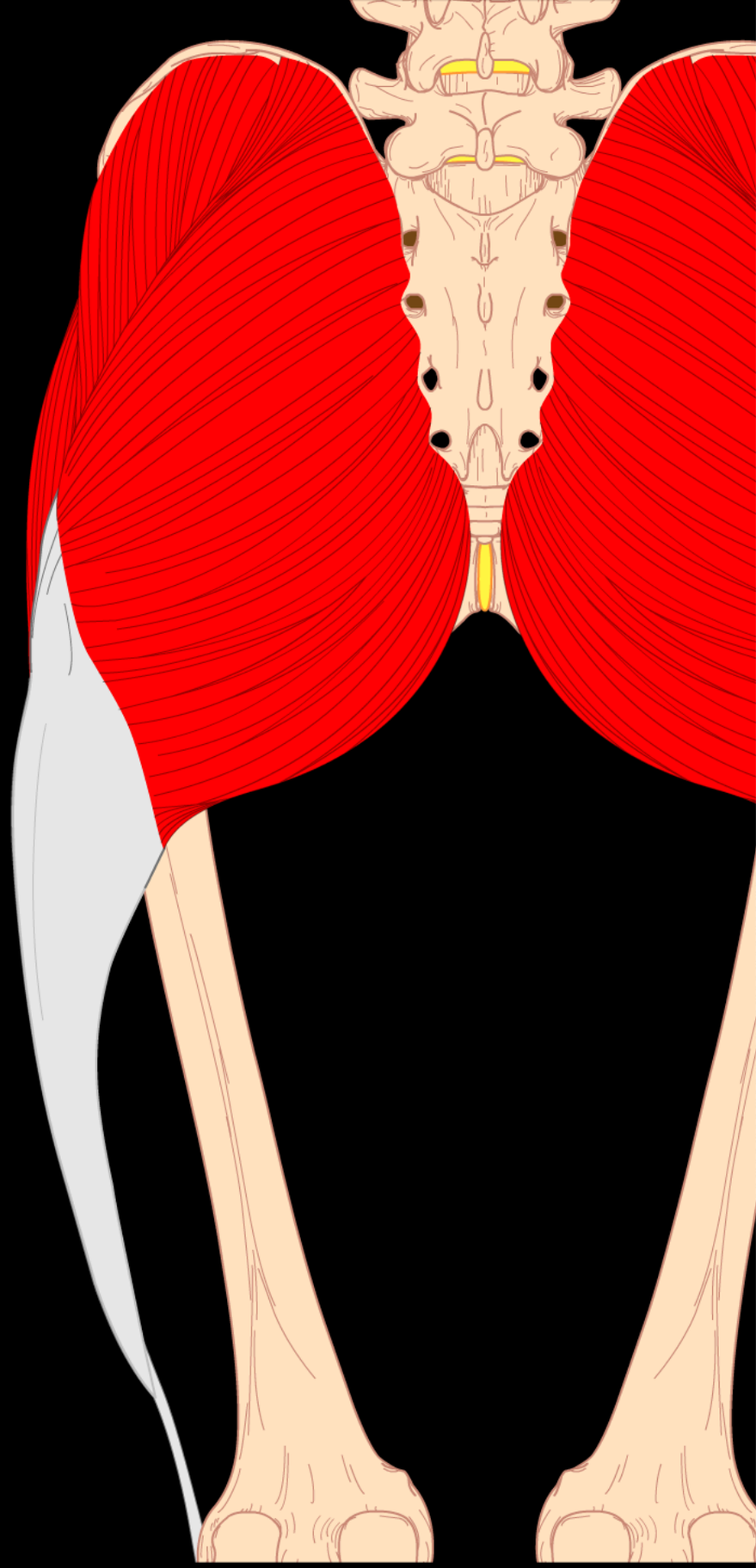
Summary



Inferior Limb

Gluteal Muscles

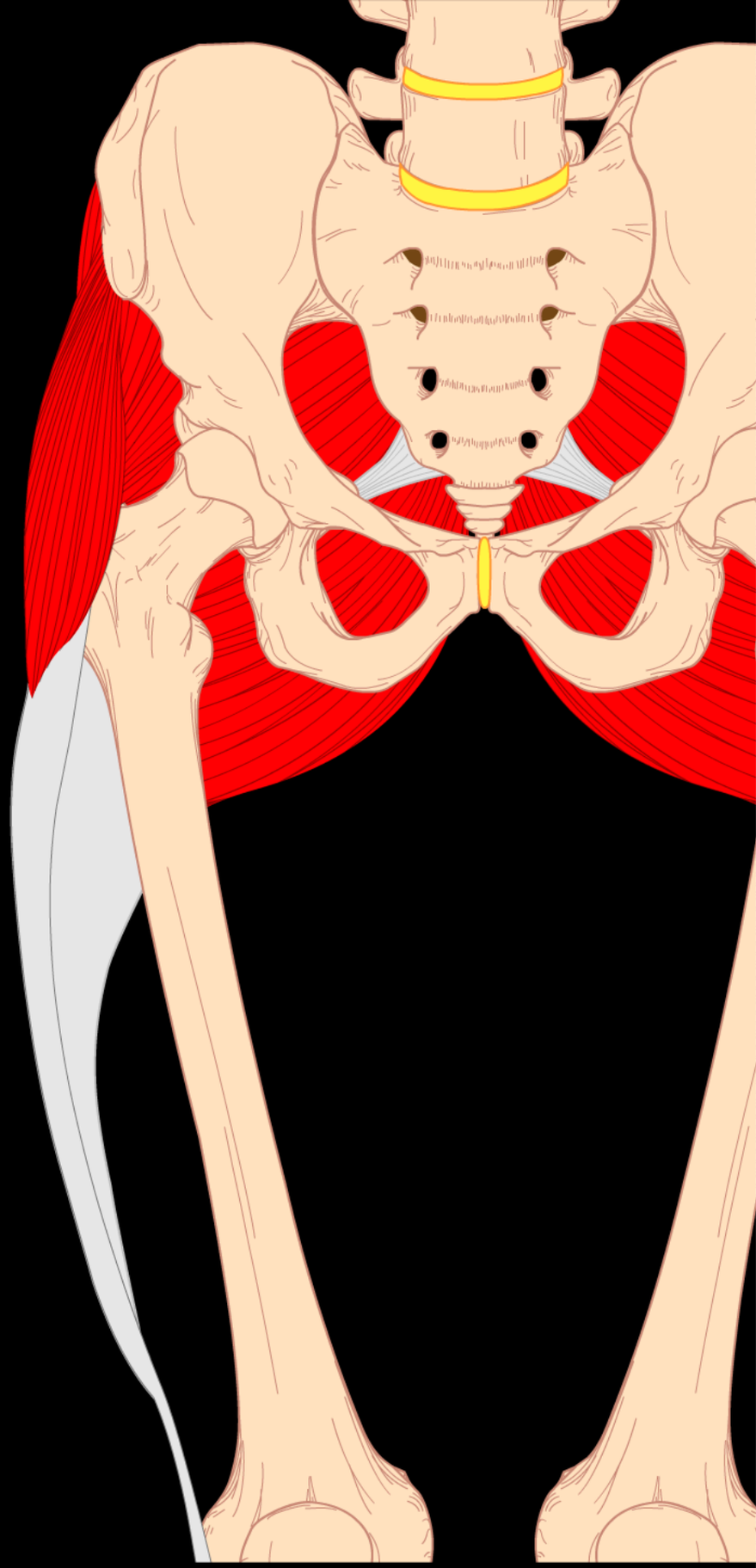
Summary



Inferior Limb

Gluteal Muscles

Summary



Inferior Limb

Gluteal Muscles

Summary

Topography

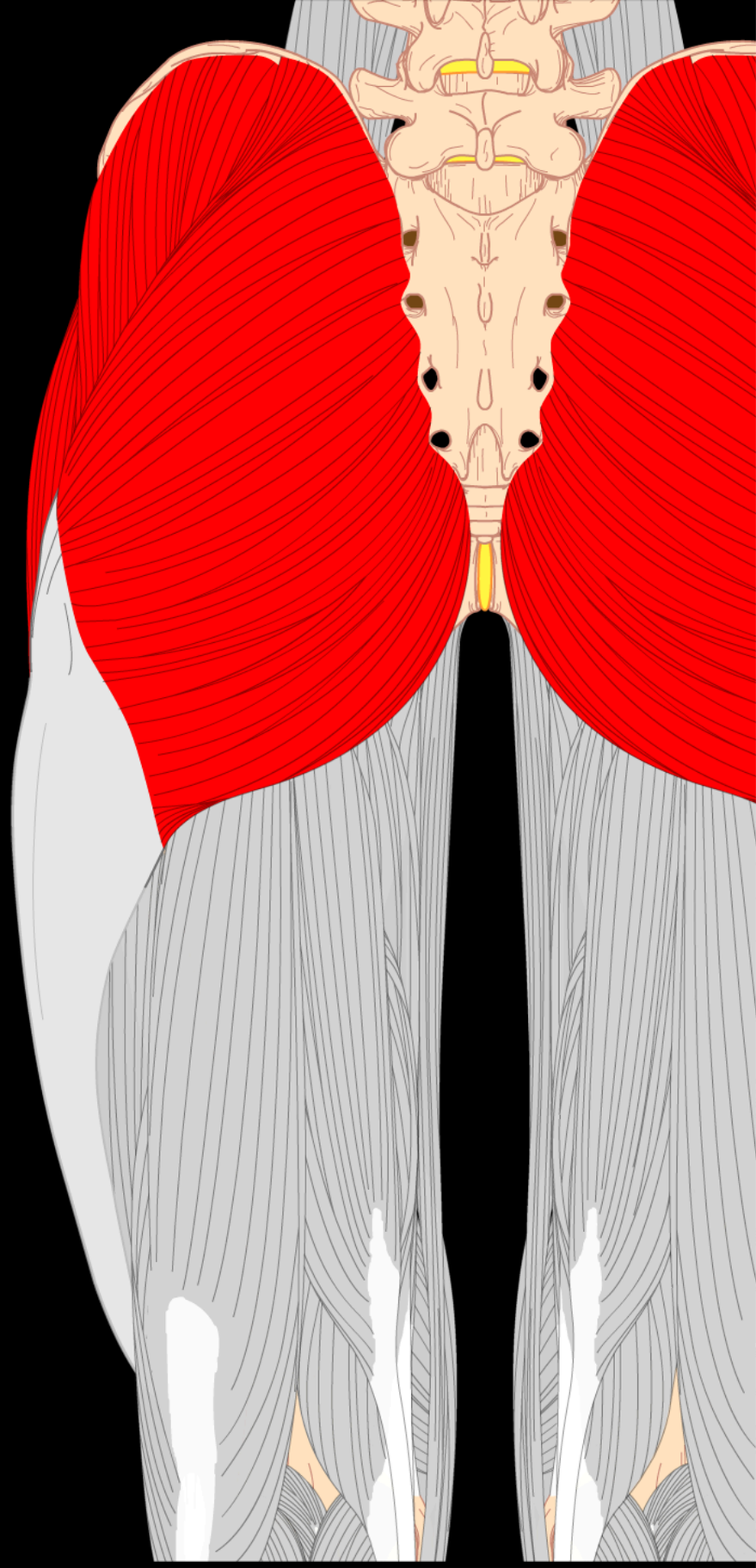


Inferior Limb

Gluteal Muscles

Summary

Topography



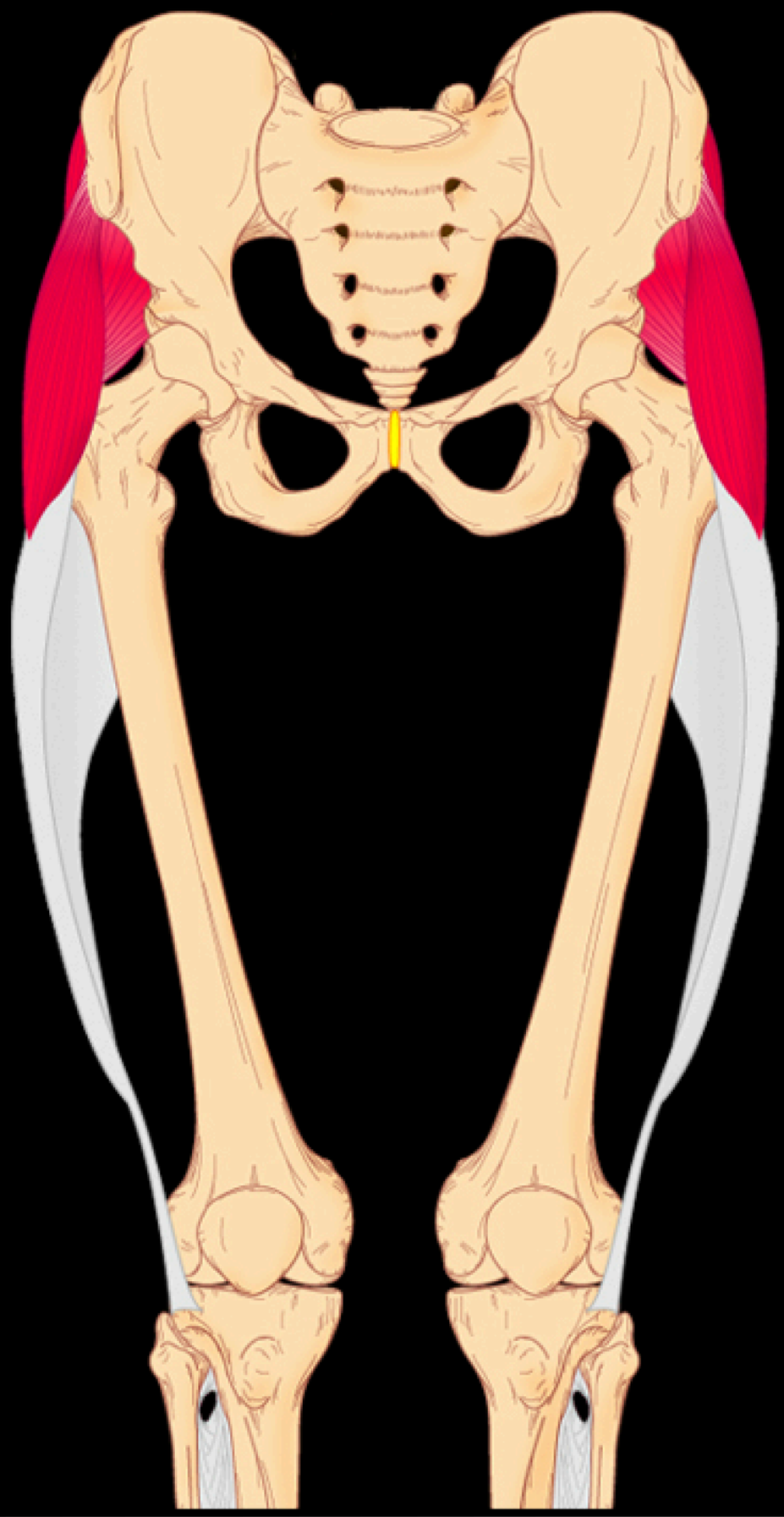
Inferior Limb

Inferior Limb Innervation

Muscle Innervation

Superior gluteal nerve

Small gluteal muscles



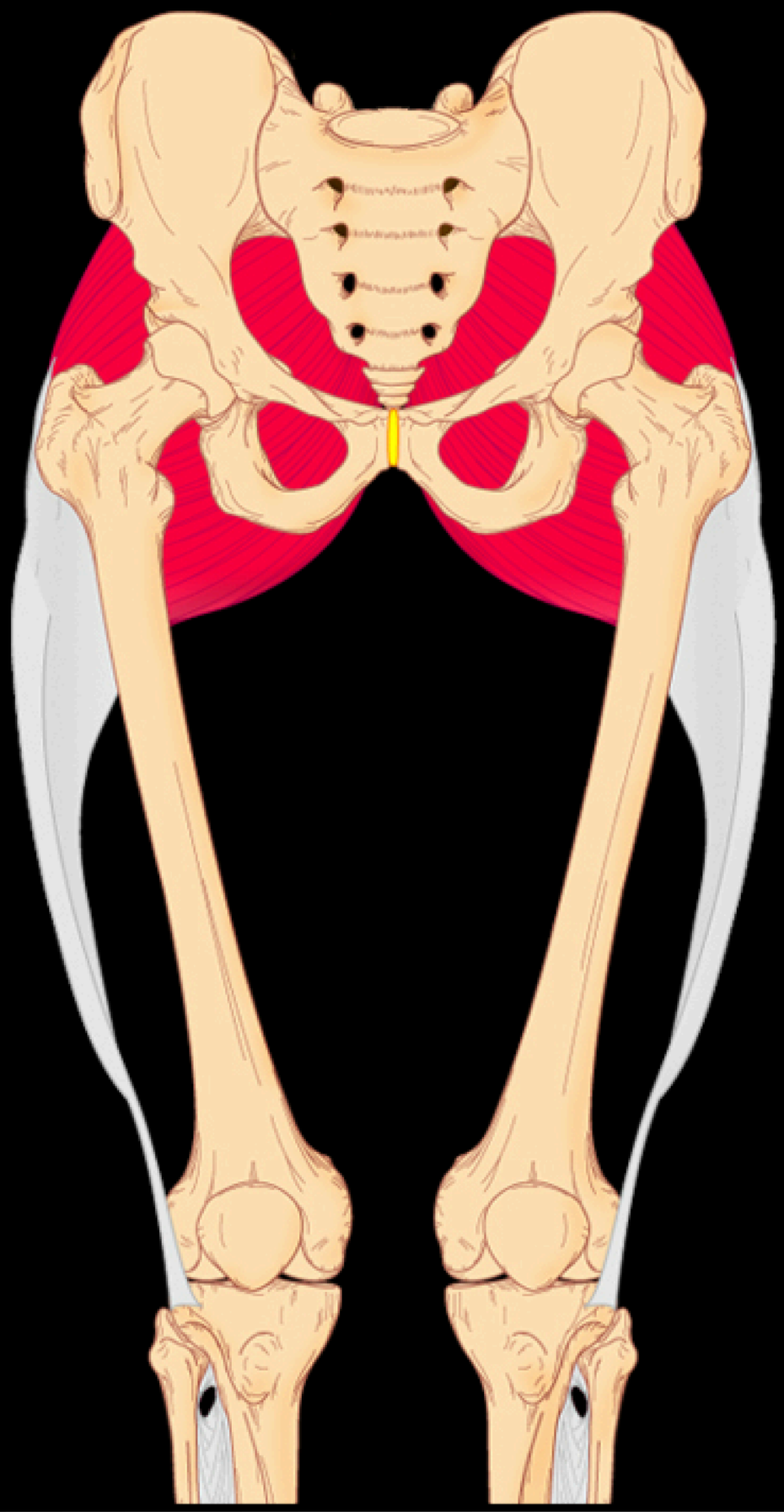
Inferior Limb

Inferior Limb Innervation

Muscle Innervation

Inferior gluteal nerve

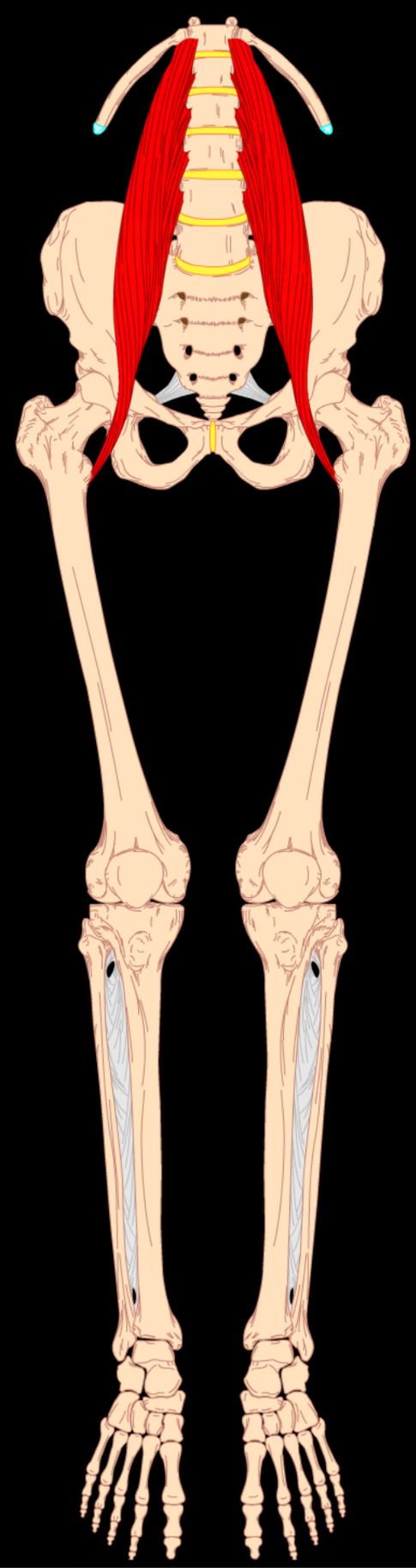
Gluteus maximus muscle



Inferior Limb

Hip Flexors

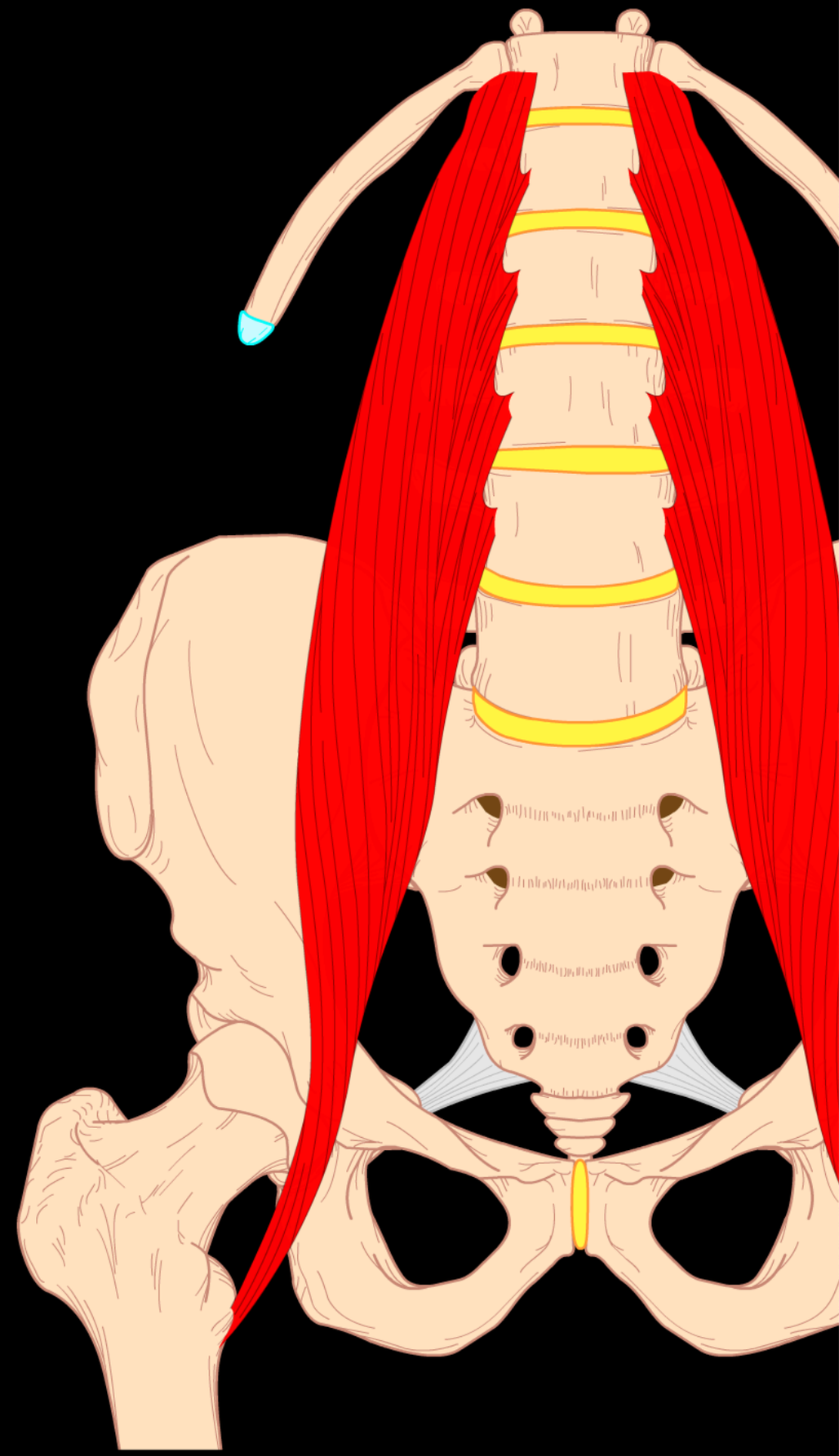
Psoas major



Inferior Limb

Hip Flexors

Psoas major



Inferior Limb

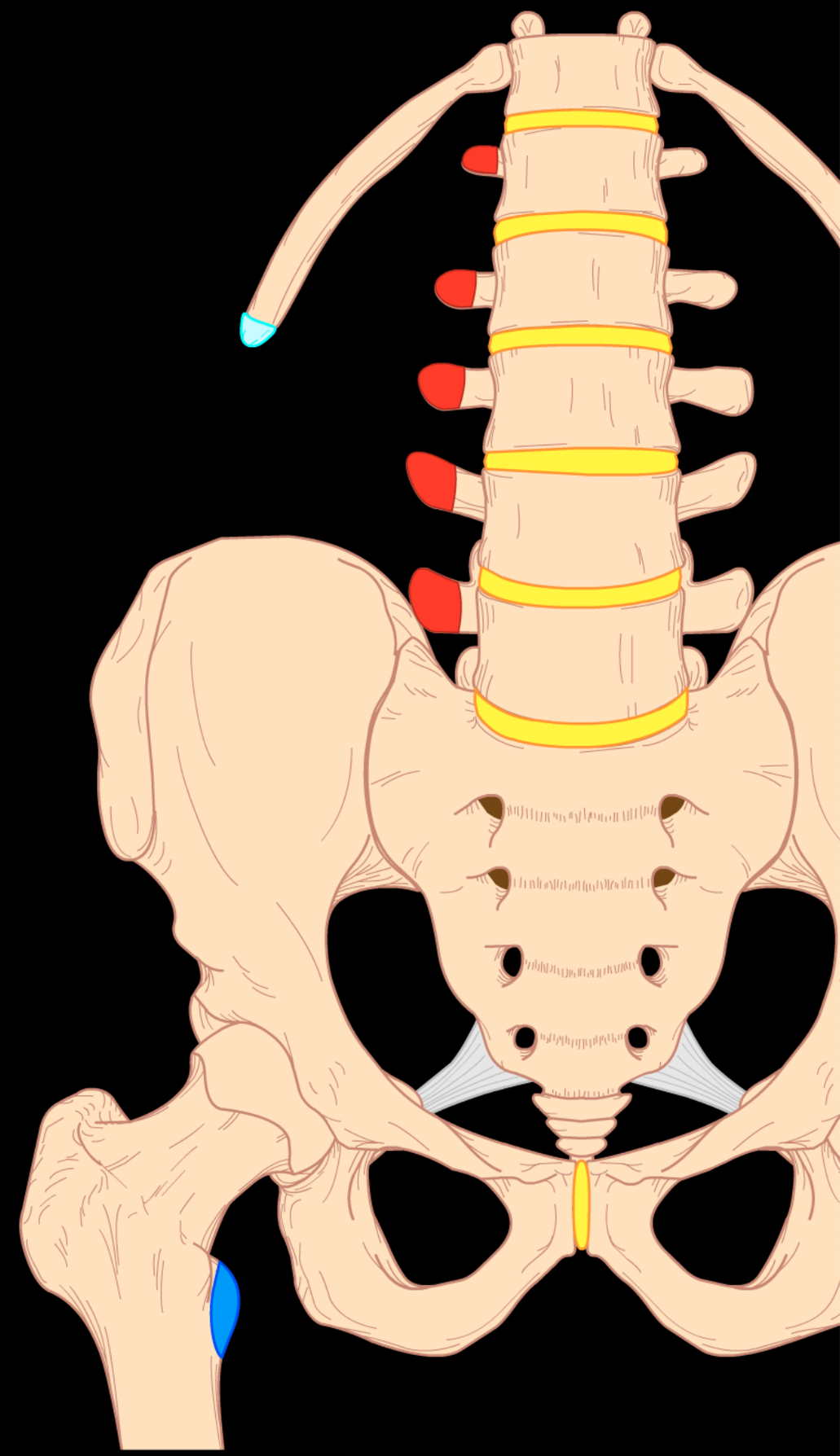
Hip Flexors

Psoas major

Attachments

Origin

Insertion

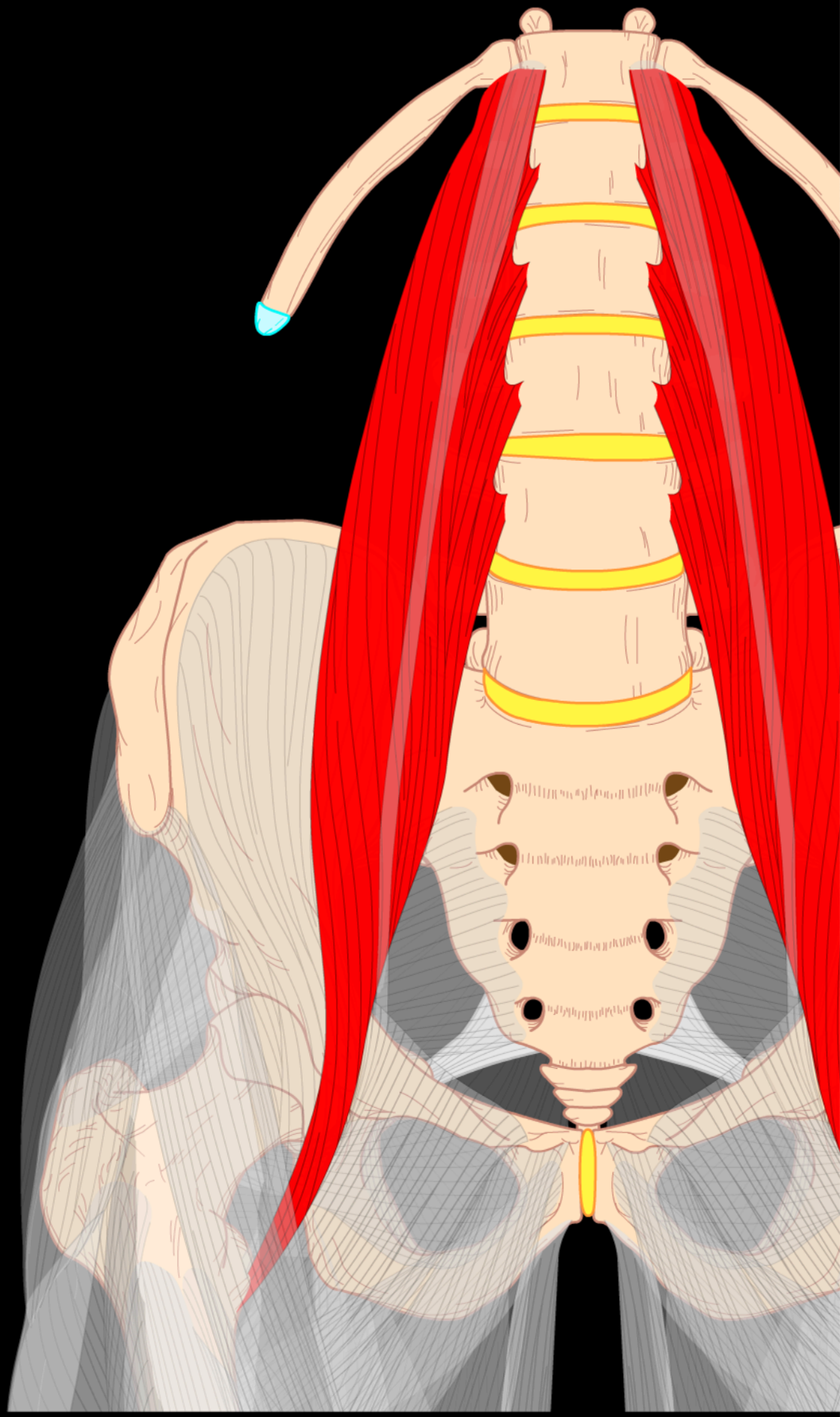


Inferior Limb

Hip Flexors

Psoas major

Topography

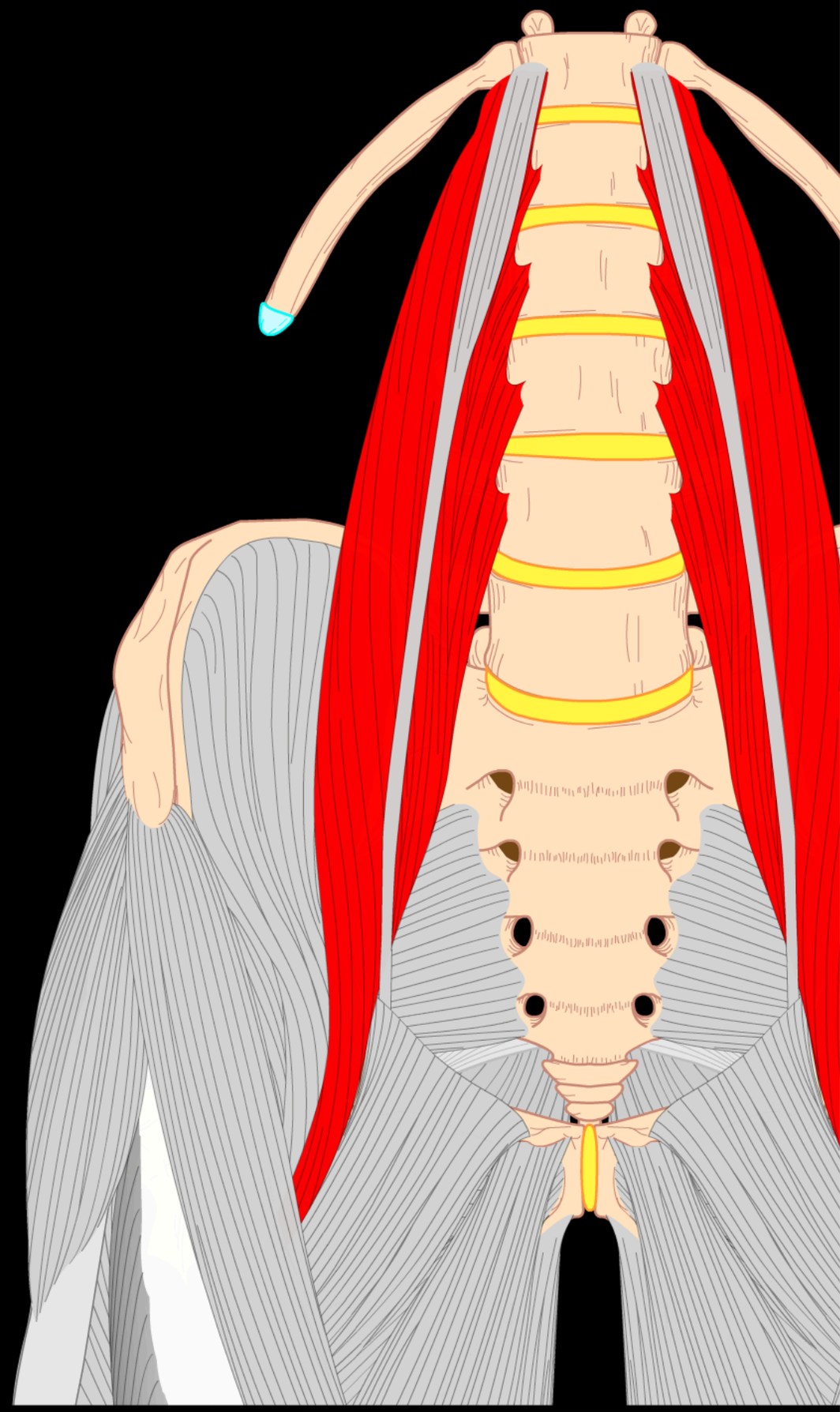


Inferior Limb

Hip Flexors

Psoas major

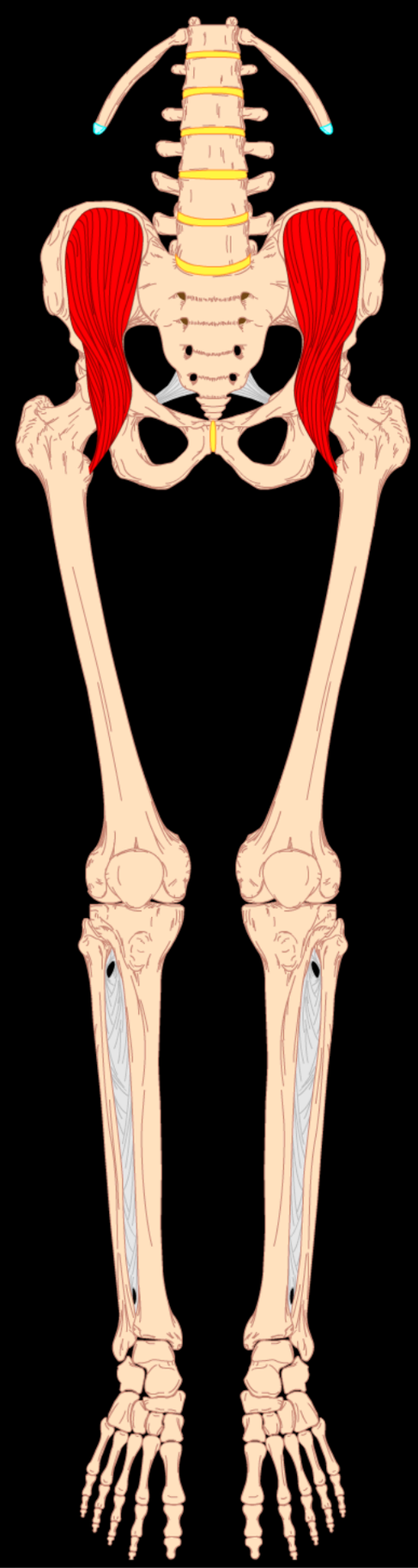
Topography



Inferior Limb

Hip Flexors

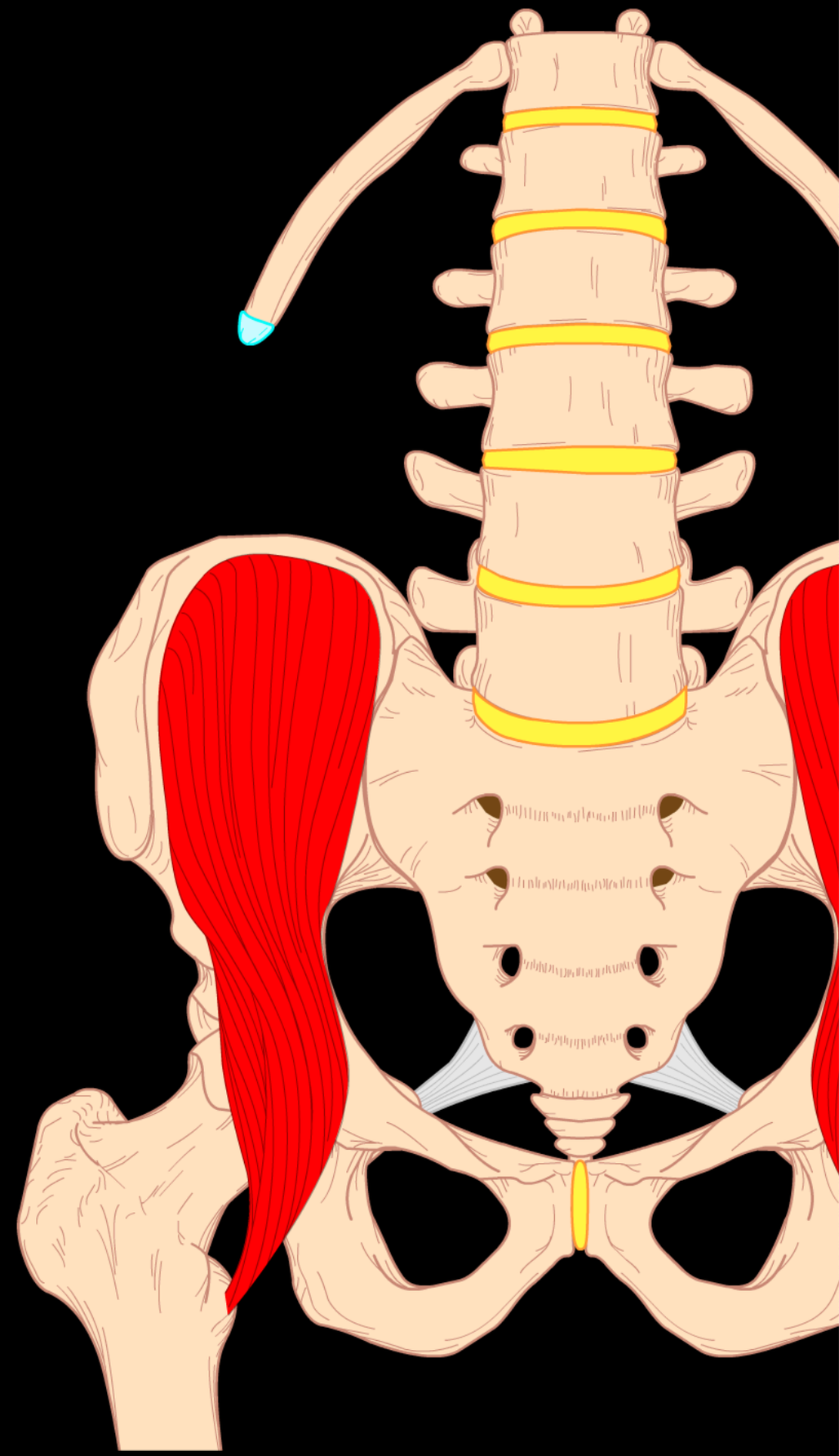
Iliacus



Inferior Limb

Hip Flexors

Iliacus



Inferior Limb

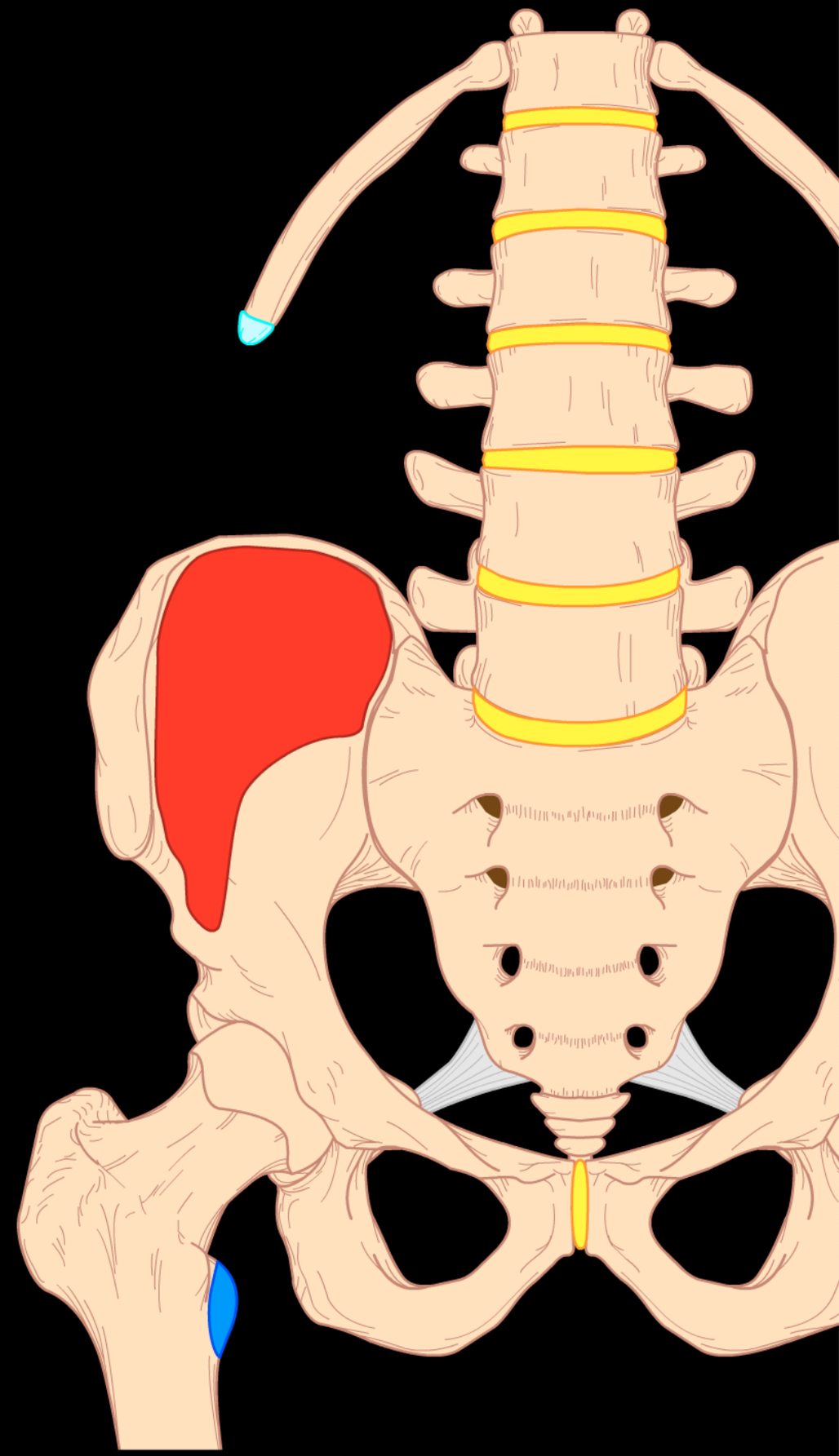
Hip Flexors

Iliacus

Attachments

Origin

Insertion

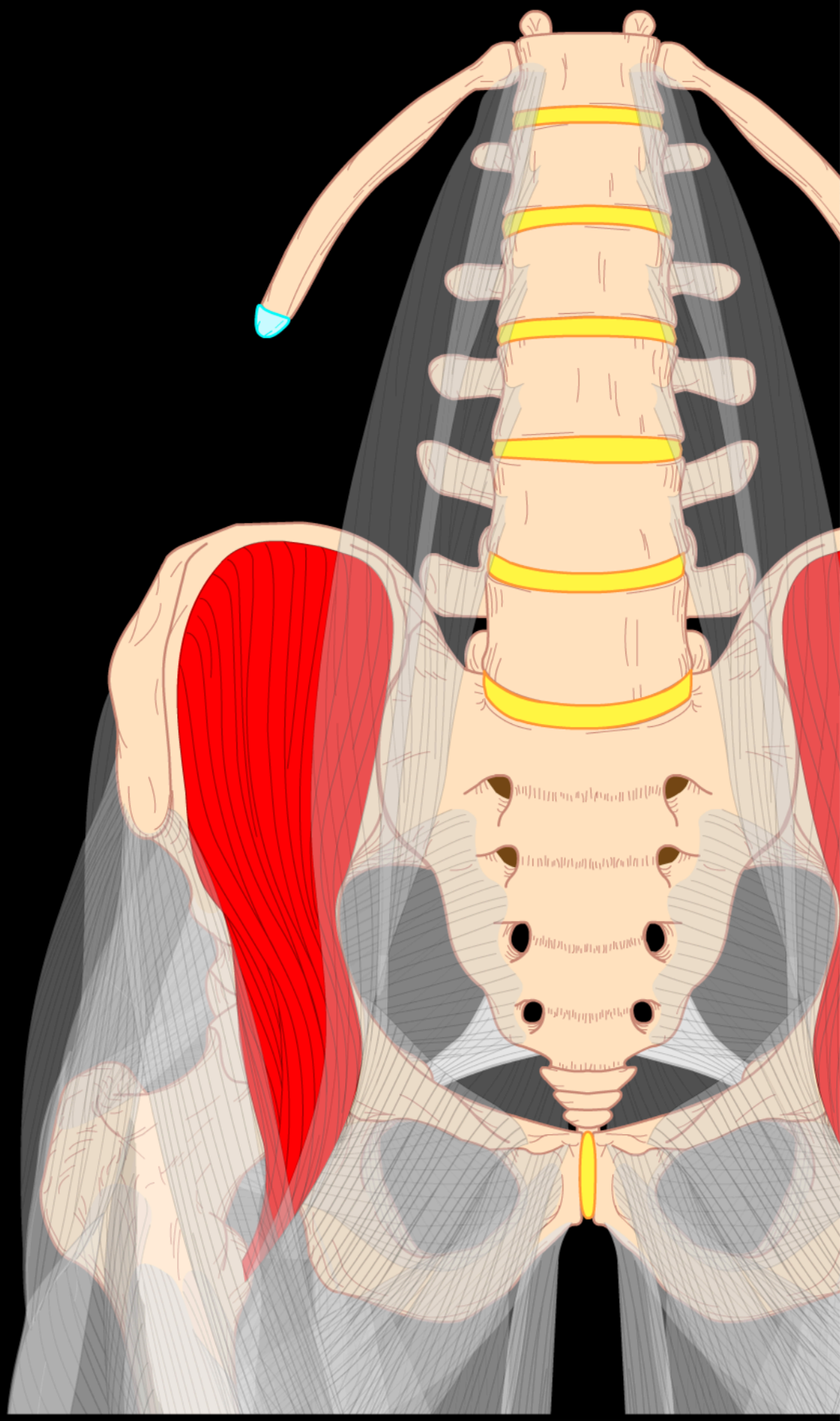


Inferior Limb

Hip Flexors

Iliacus

Topography

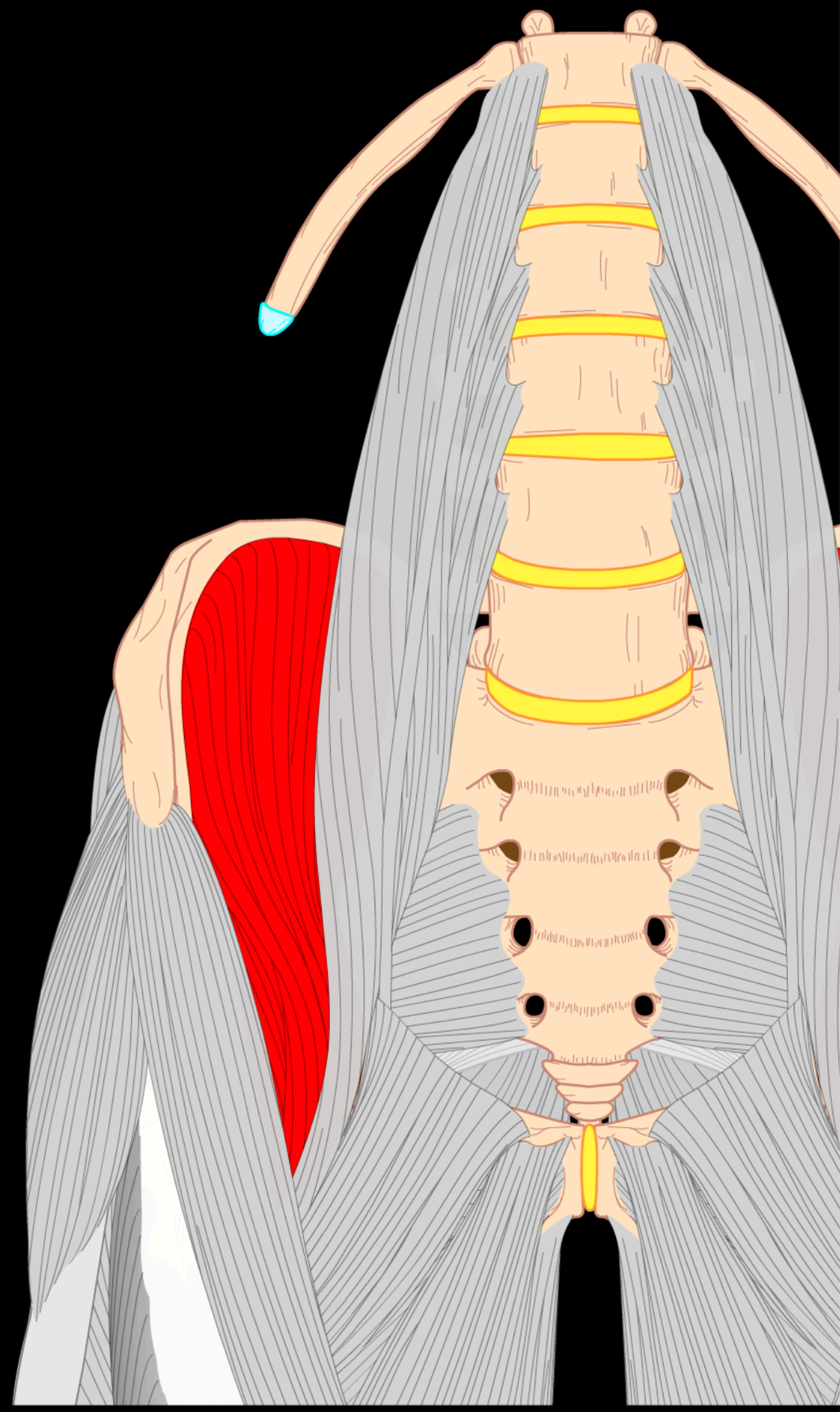


Inferior Limb

Hip Flexors

Iliacus

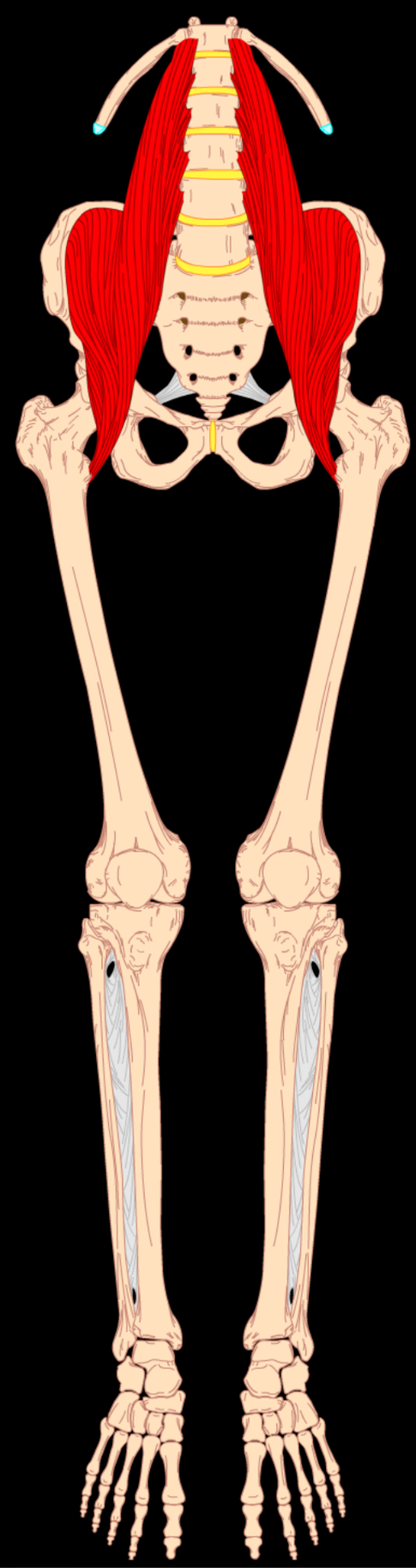
Topography



Inferior Limb

Hip Flexors

Summary



Inferior Limb

Hip Flexors

Summary

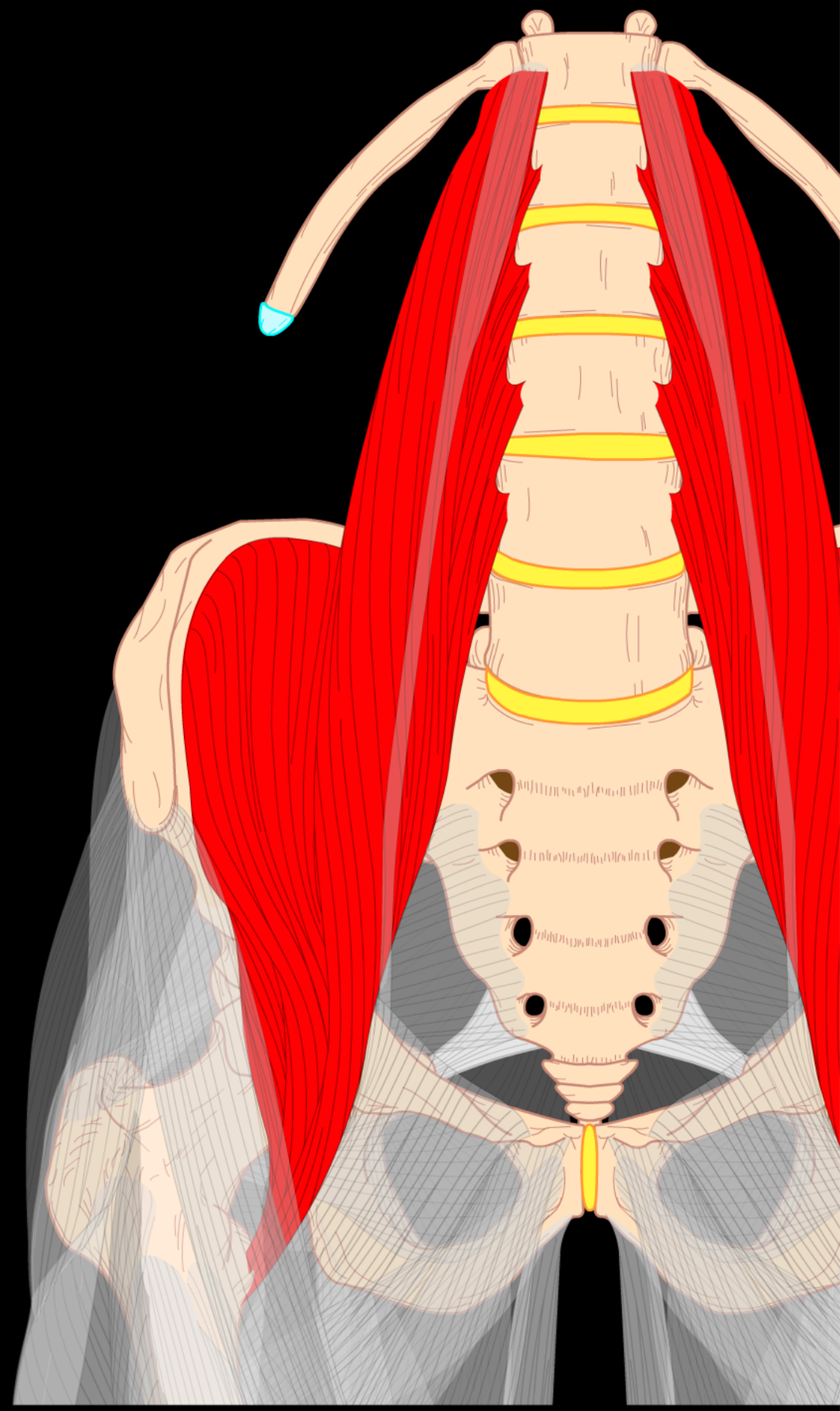


Inferior Limb

Hip Flexors

Summary

Topography

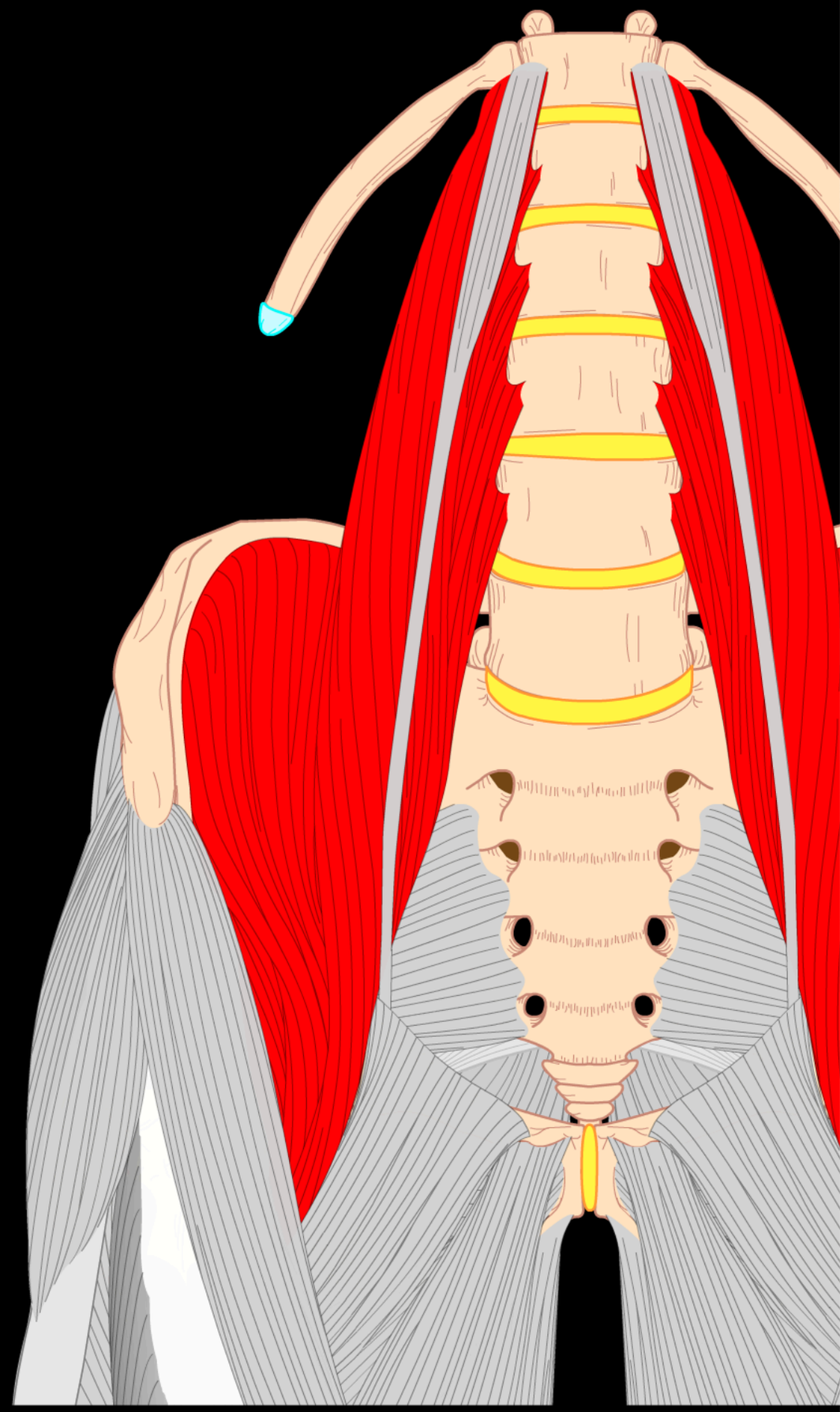


Inferior Limb

Hip Flexors

Summary

Topography

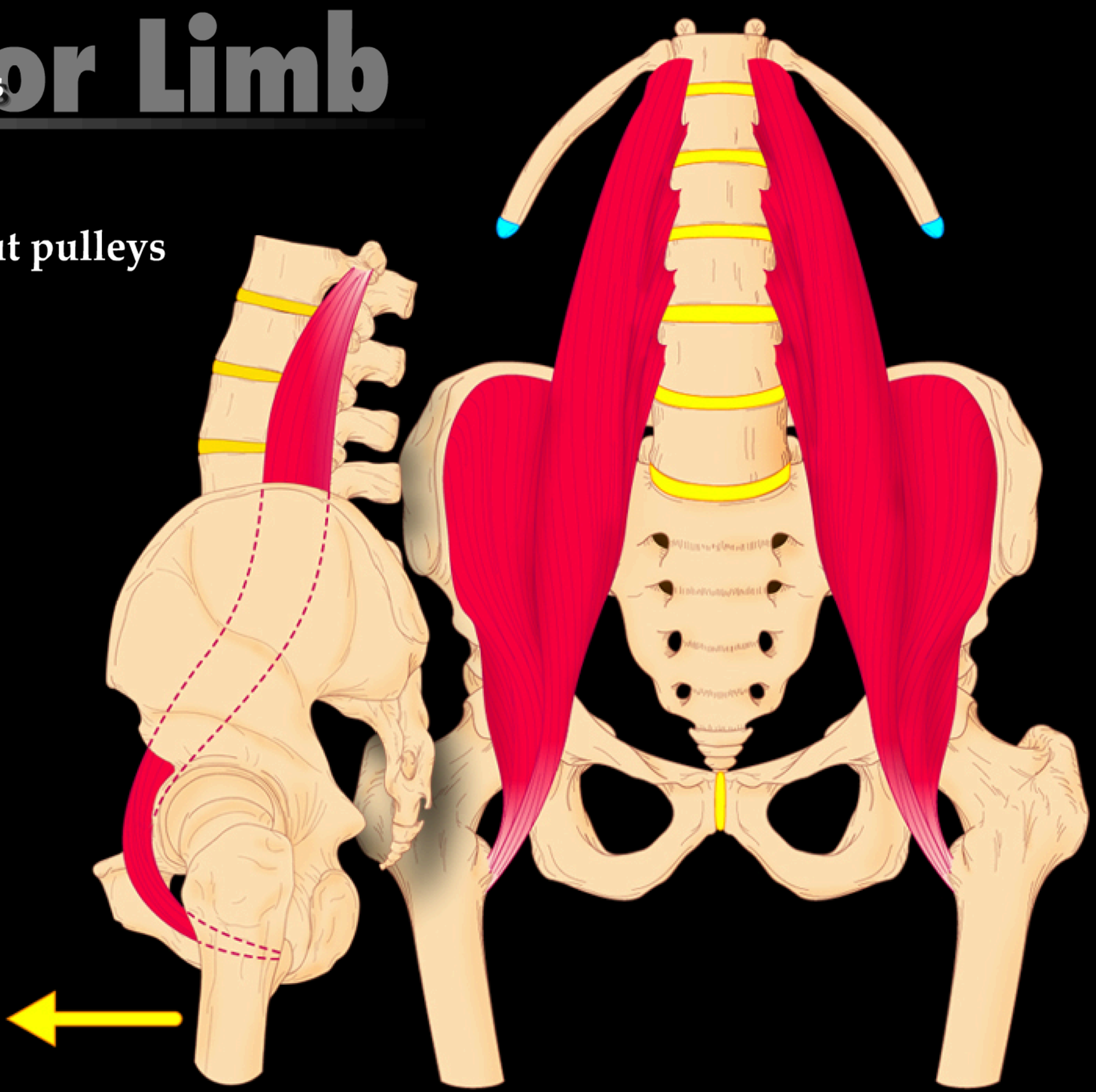


Inferior Limb

Hip Flexor Muscles

Summary

Thinking about pulleys

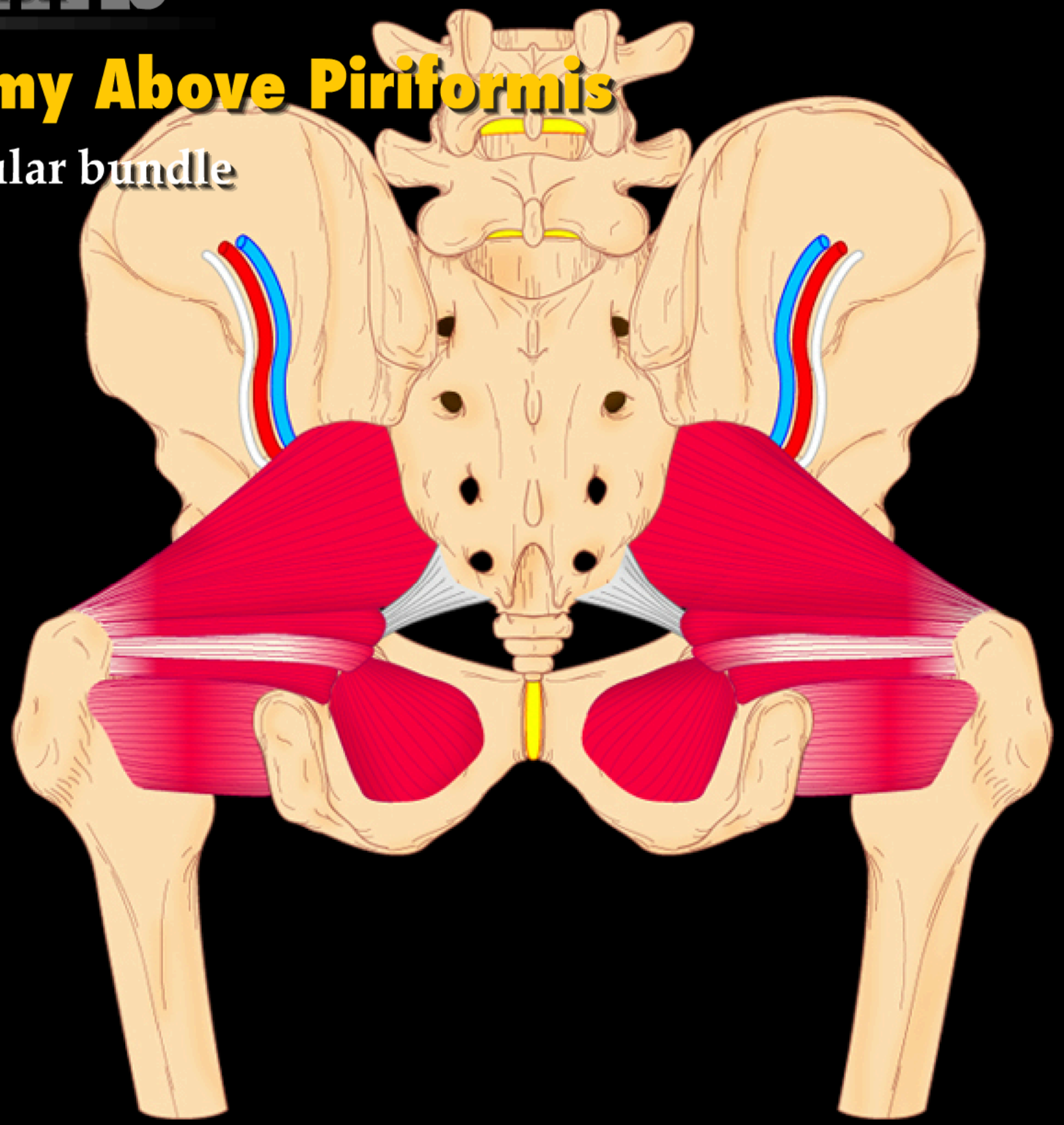


Inferior Limb

Topography of the Gluteal Region

Neurovascular Anatomy Above Piriformis

Superior gluteal neurovascular bundle

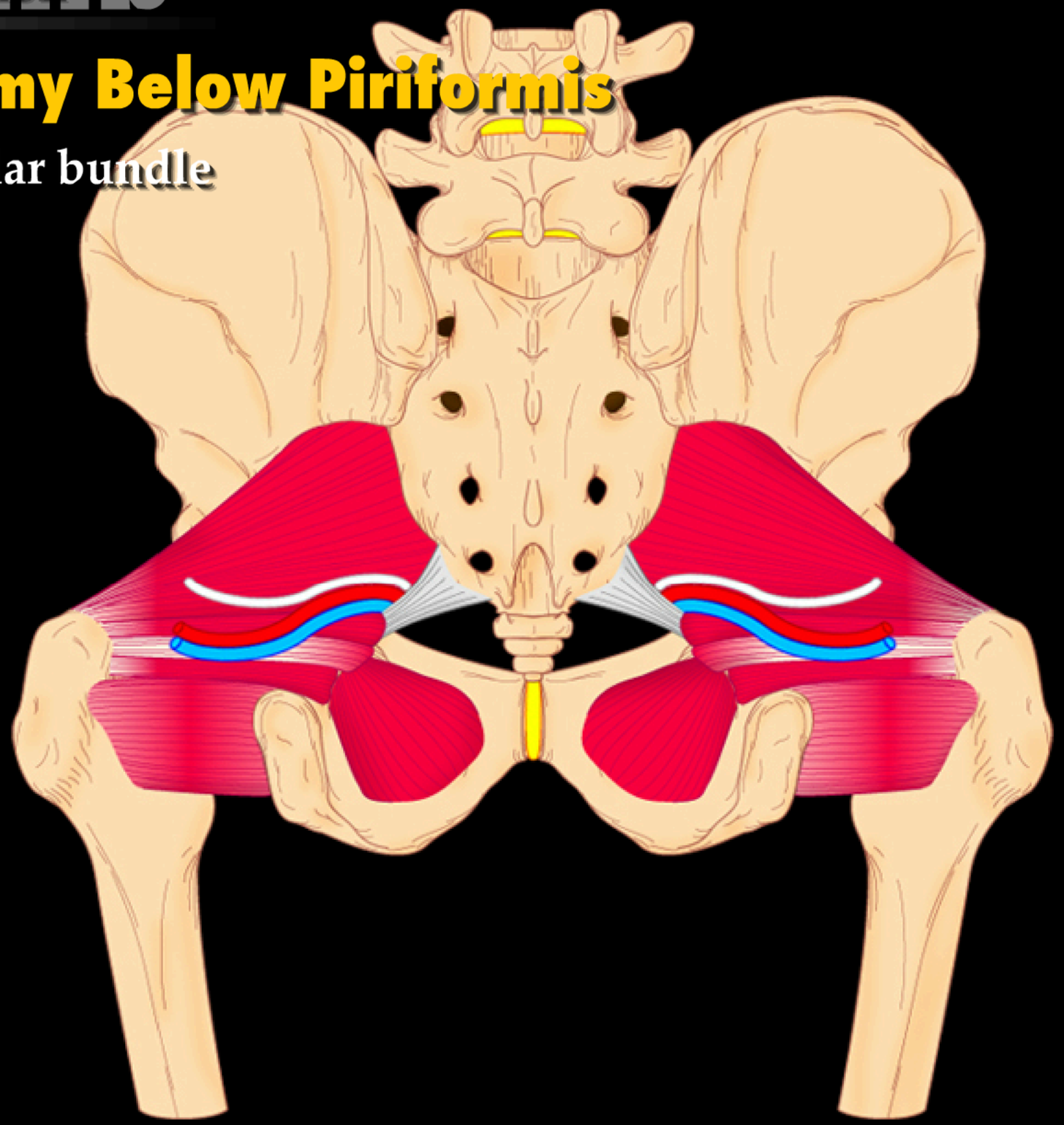


Inferior Limb

Topography of the Gluteal Region

Neurovascular Anatomy Below Piriformis

Inferior gluteal neurovascular bundle

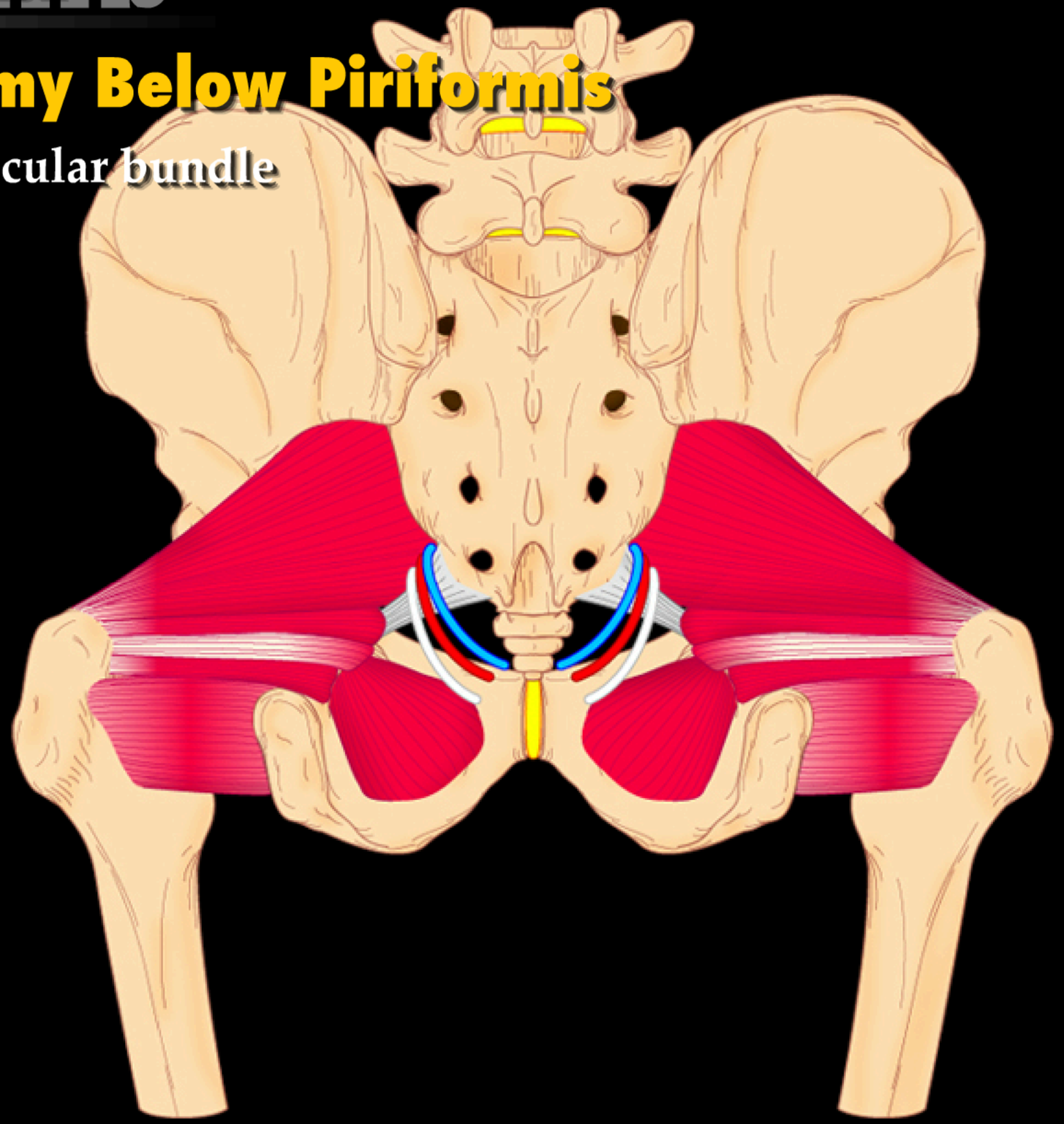


Inferior Limb

Topography of the Gluteal Region

Neurovascular Anatomy Below Piriformis

Internal pudendal neurovascular bundle

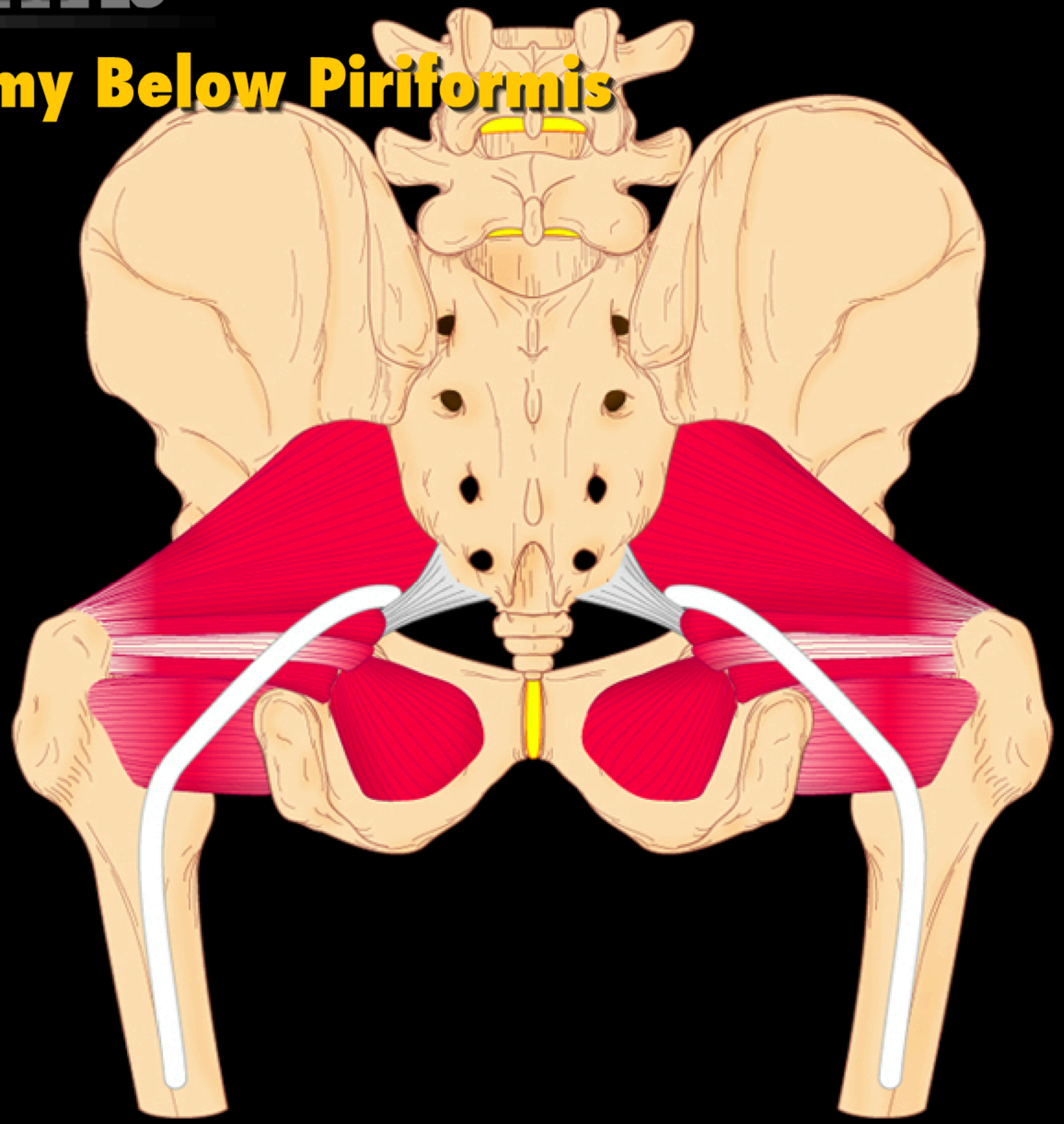


Inferior Limb

Topography of the Gluteal Region

Neurovascular Anatomy Below Piriformis

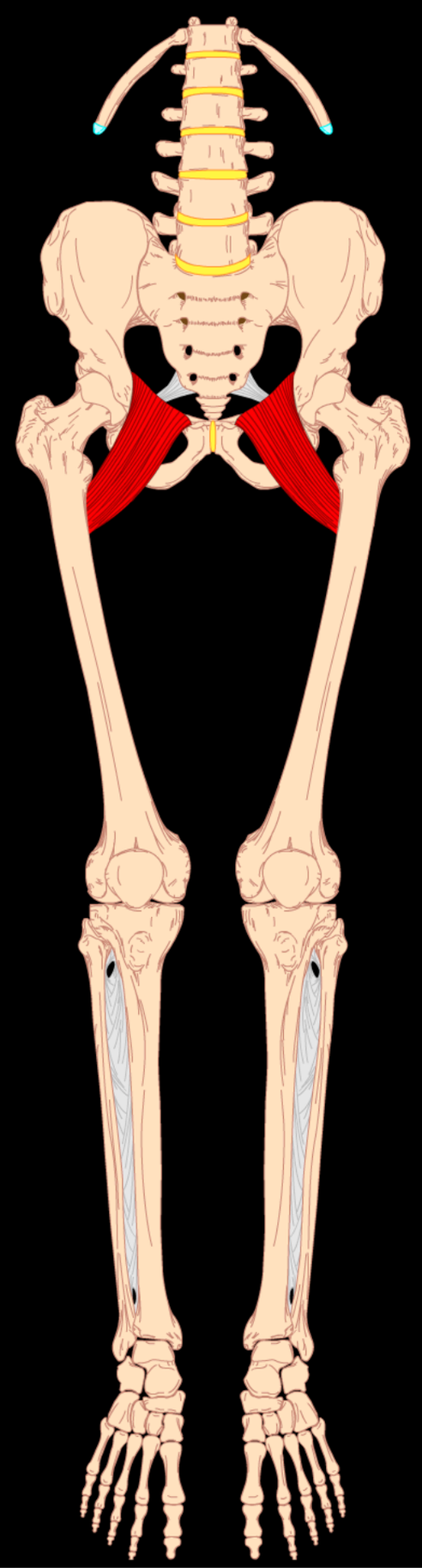
Sciatic nerve



Inferior Limb

Medial Thigh Compartment

Pectineus



Inferior Limb

Medial Thigh Compartment

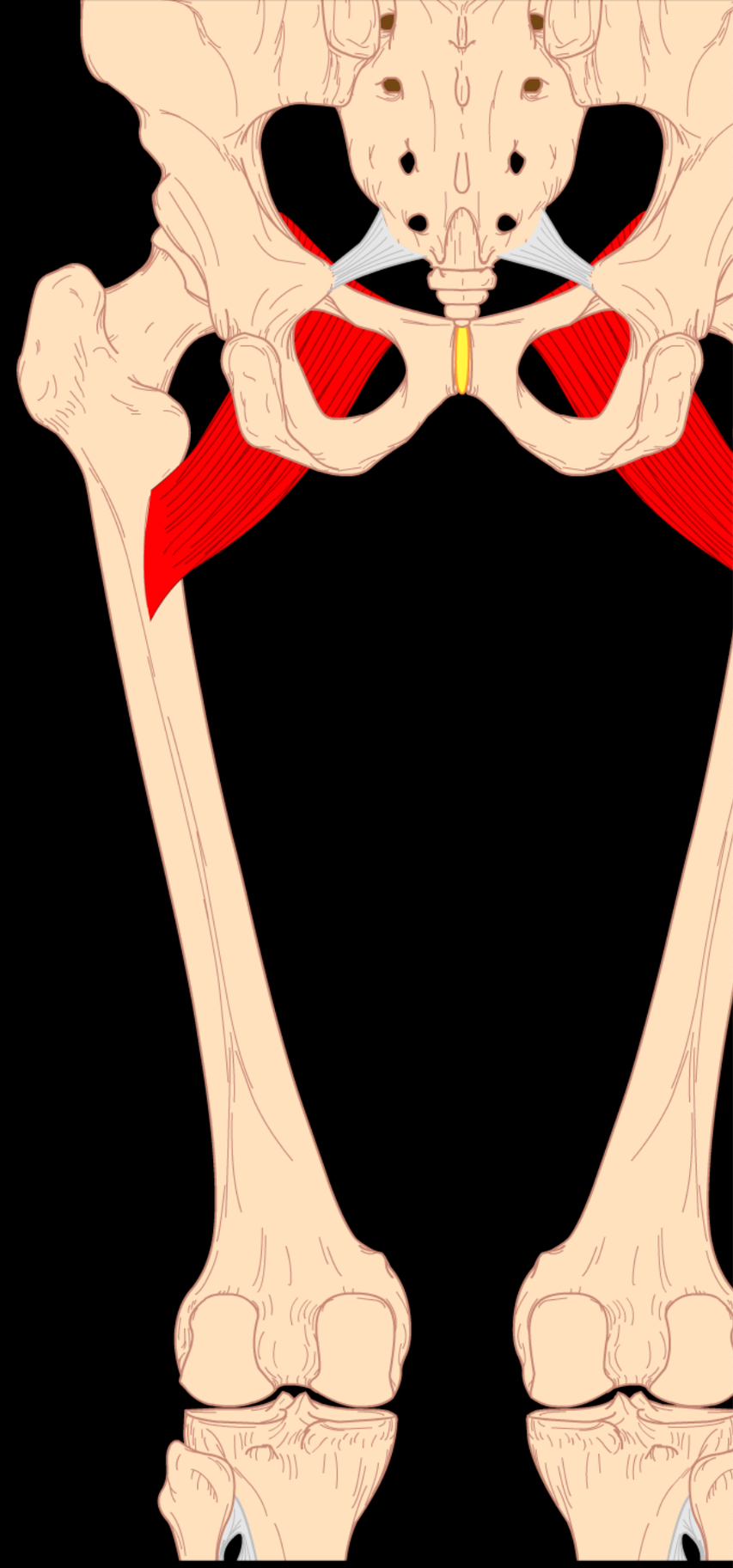
Pectineus



Inferior limb

Medial Thigh Compartment

Pectineus



Inferior Limb

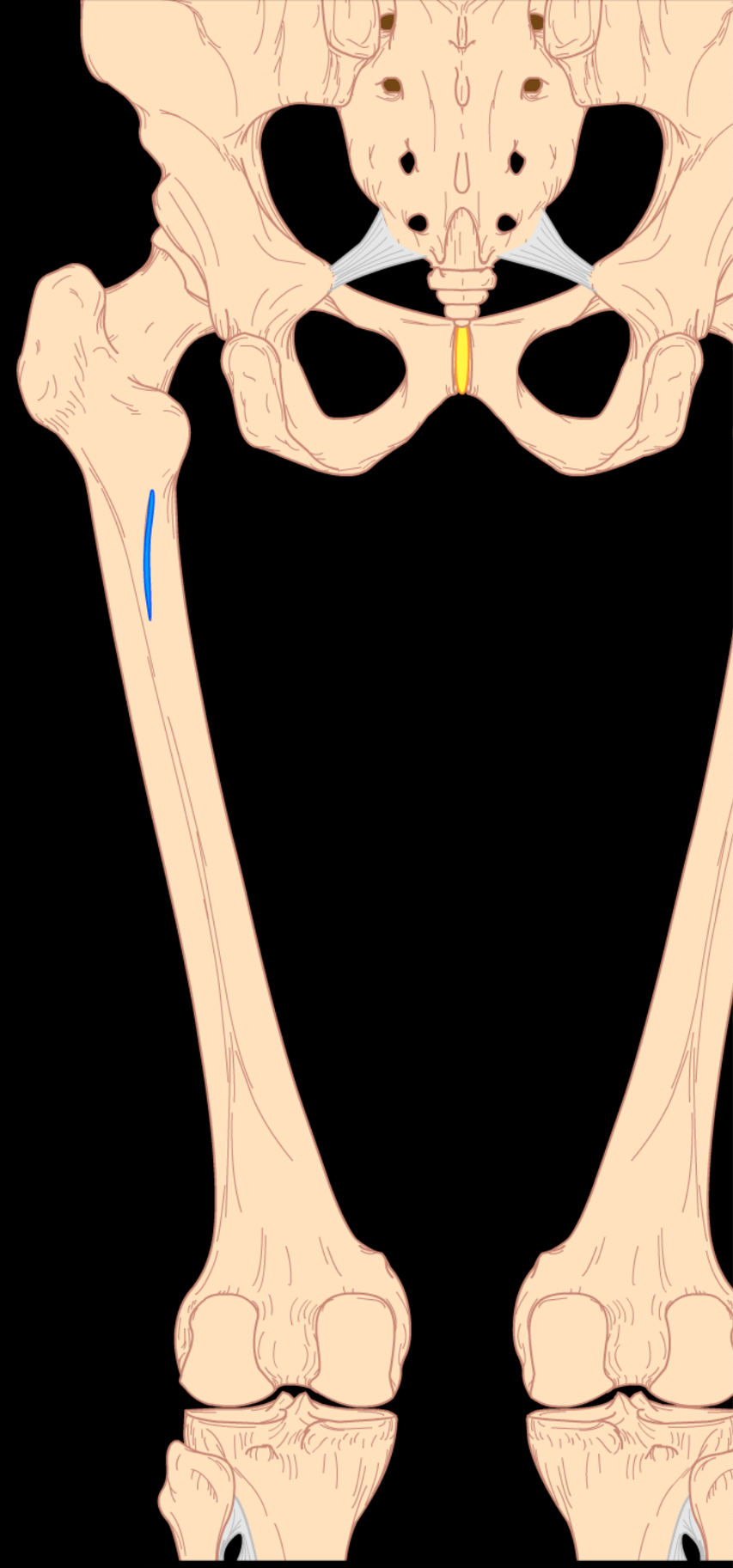
Medial Thigh Compartment

Pectineus

Attachments

Origin

Insertion



Inferior Limb

Medial Thigh Compartment

Pectineus

Attachments

Origin

Insertion

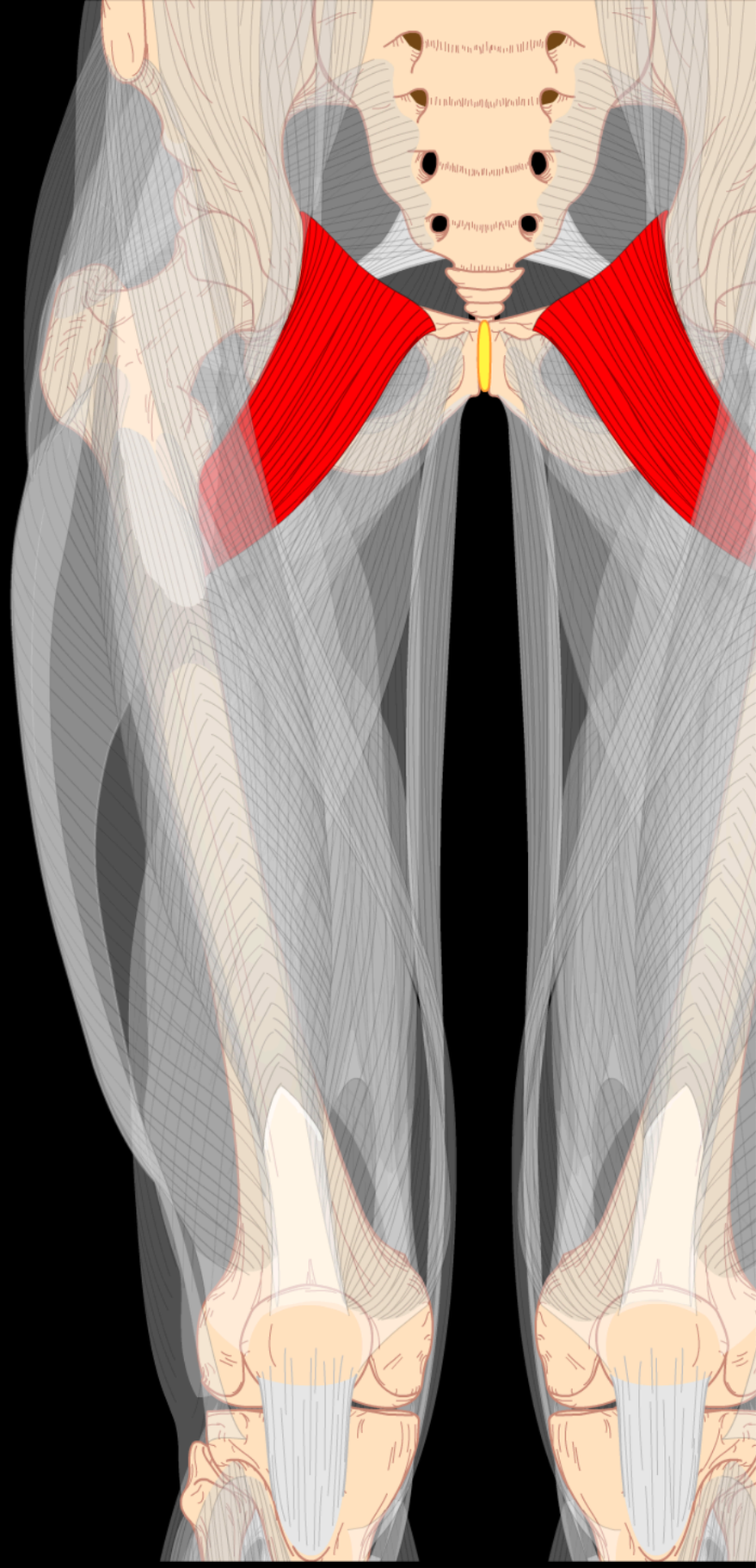


Inferior limb

Medial Thigh Compartment

Pectineus

Topography

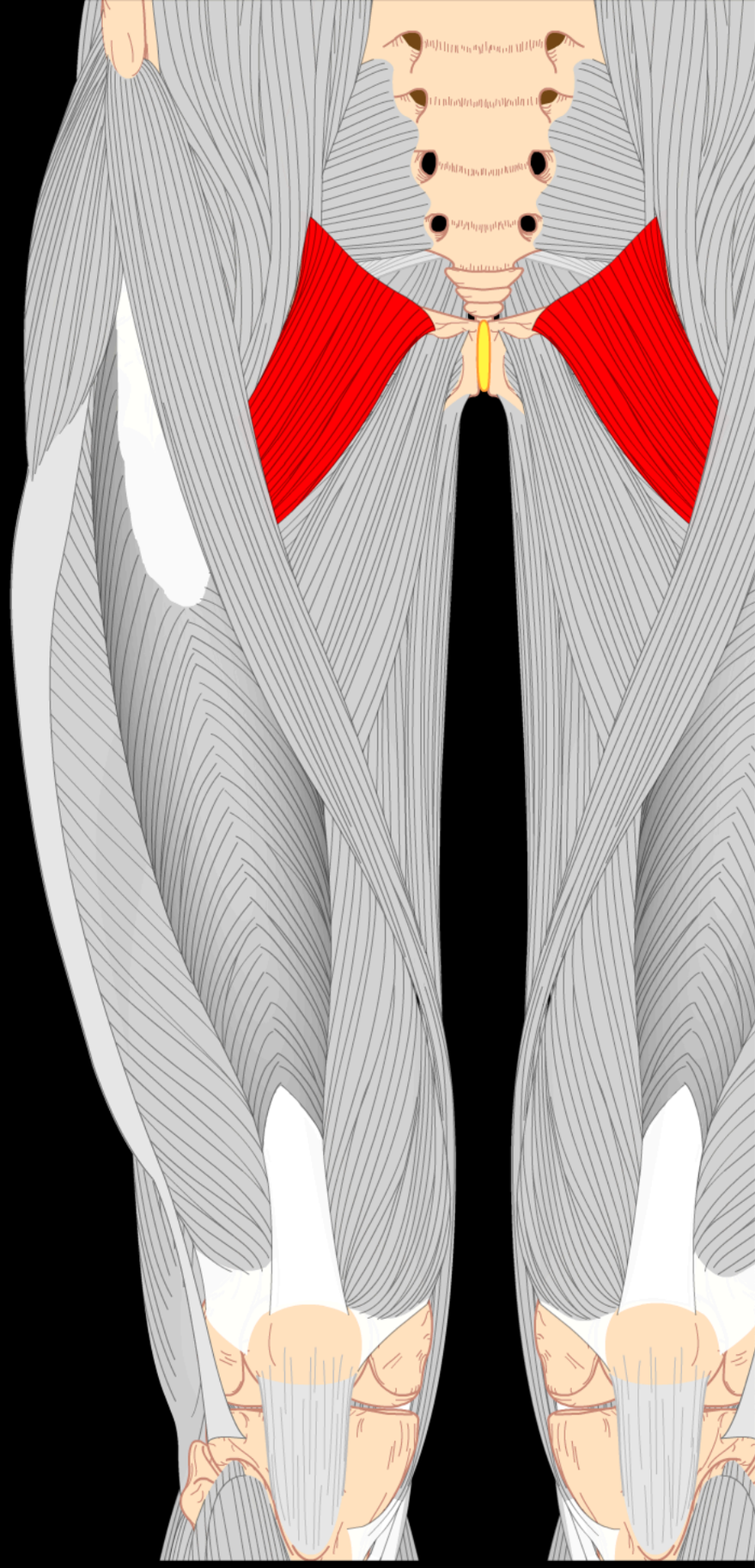


Inferior limb

Medial Thigh Compartment

Pectineus

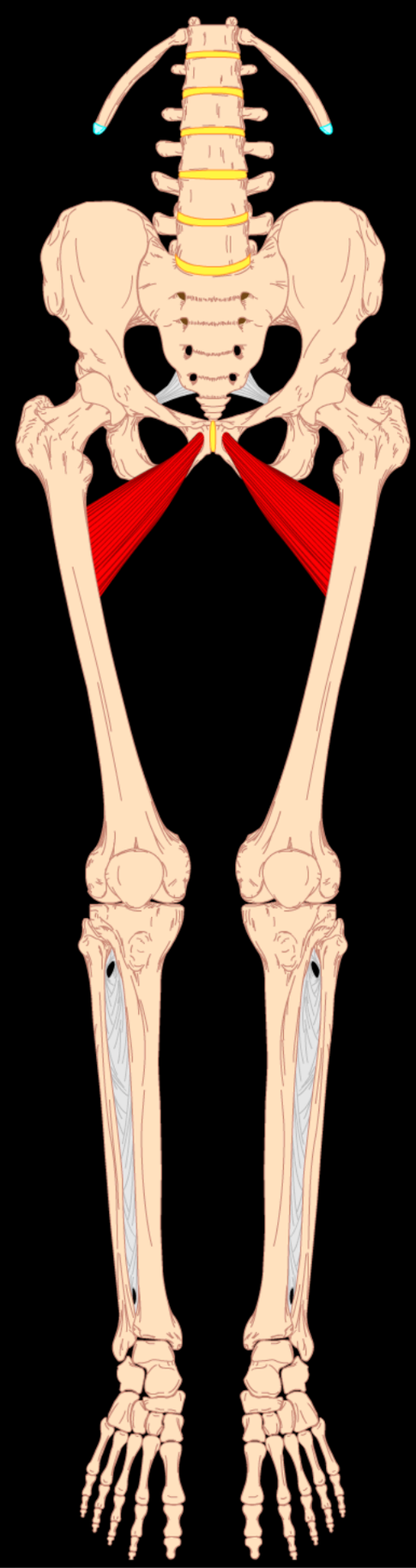
Topography



Inferior limb

Medial Thigh Compartment

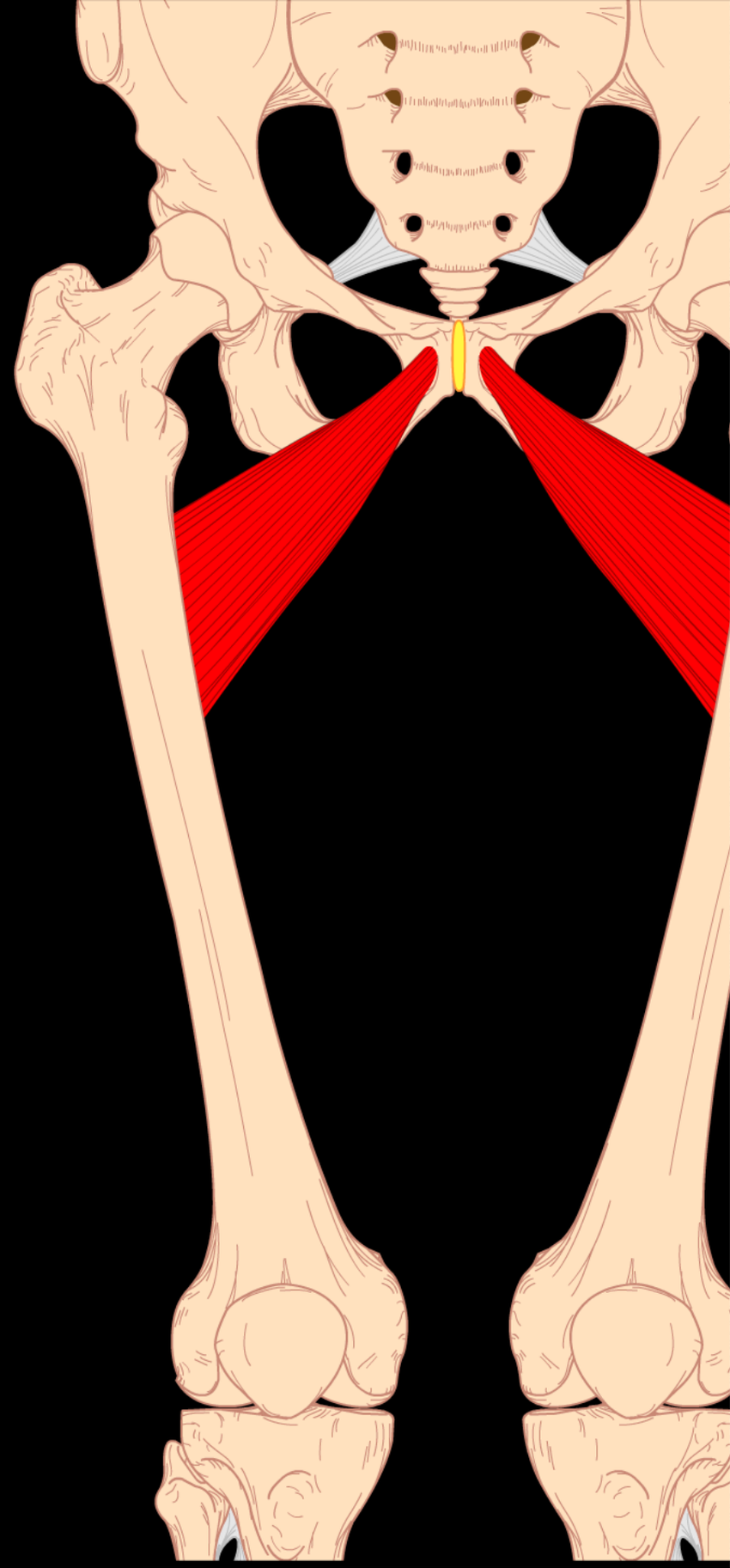
Adductor brevis



Inferior limb

Medial Thigh Compartment

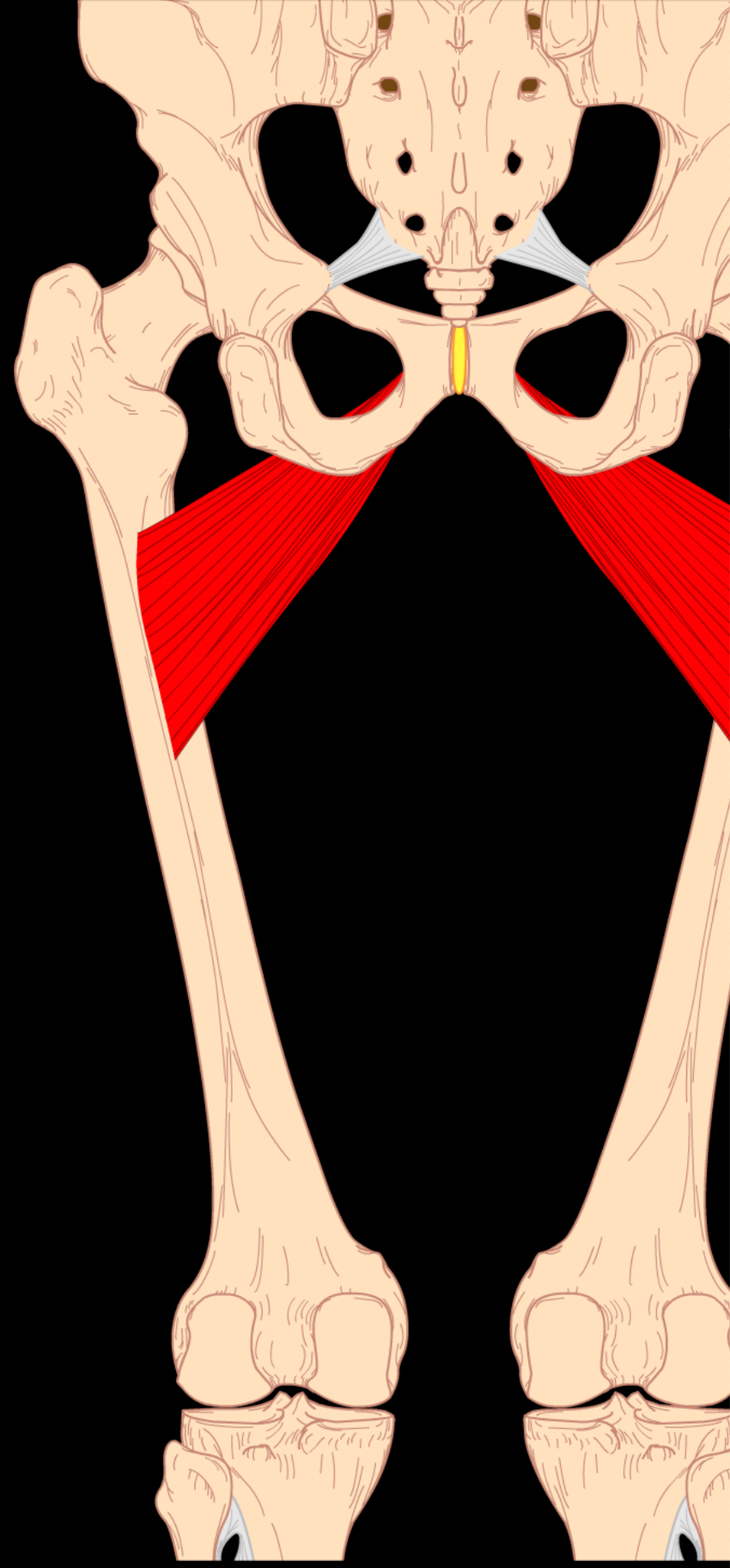
Adductor brevis



Inferior limb

Medial Thigh Compartment

Adductor brevis



Inferior limb

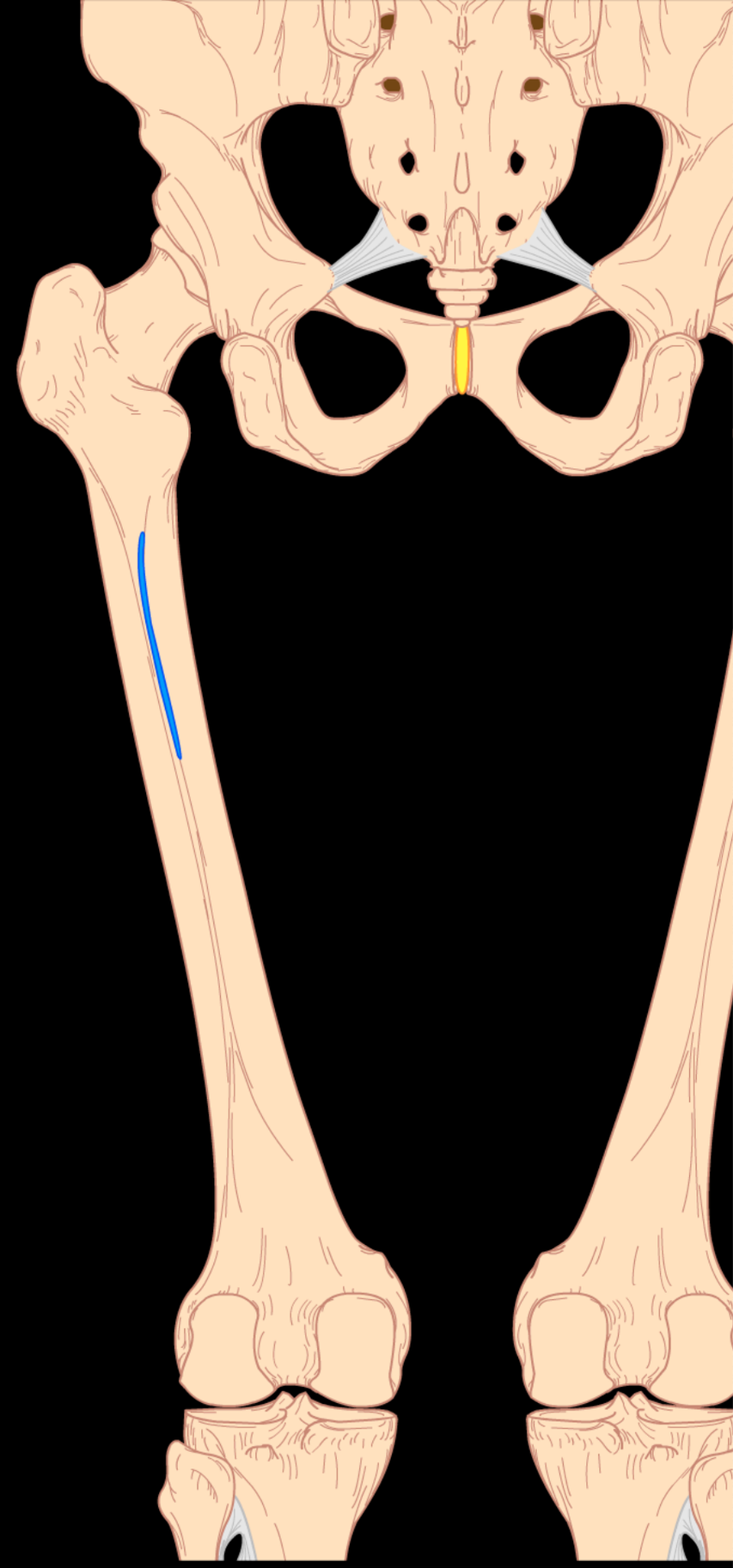
Medial Thigh Compartment

Adductor brevis

Attachments

Origin

Insertion



Inferior limb

Medial Thigh Compartment

Adductor brevis

Attachments

Origin

Insertion

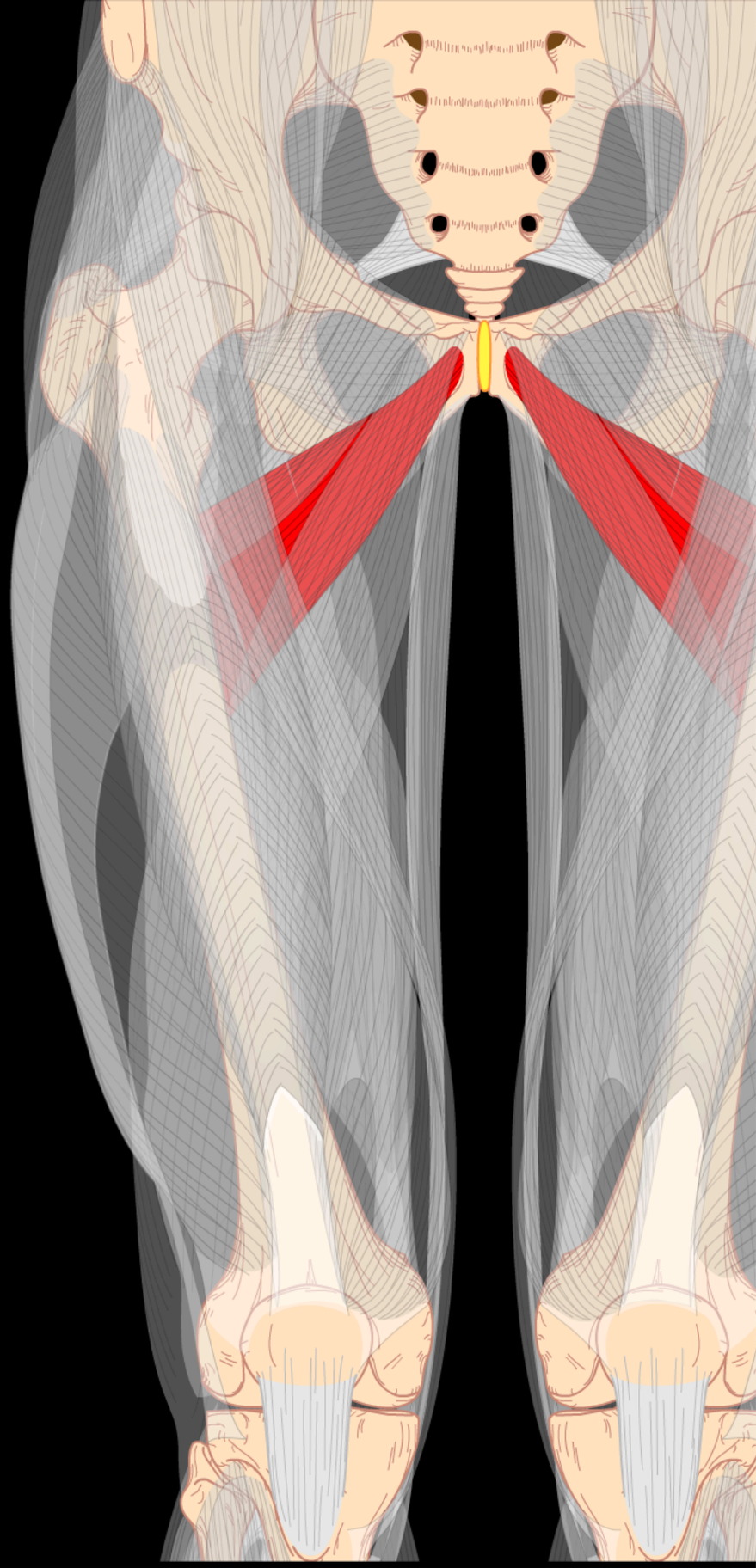


Inferior limb

Medial Thigh Compartment

Adductor brevis

Topography

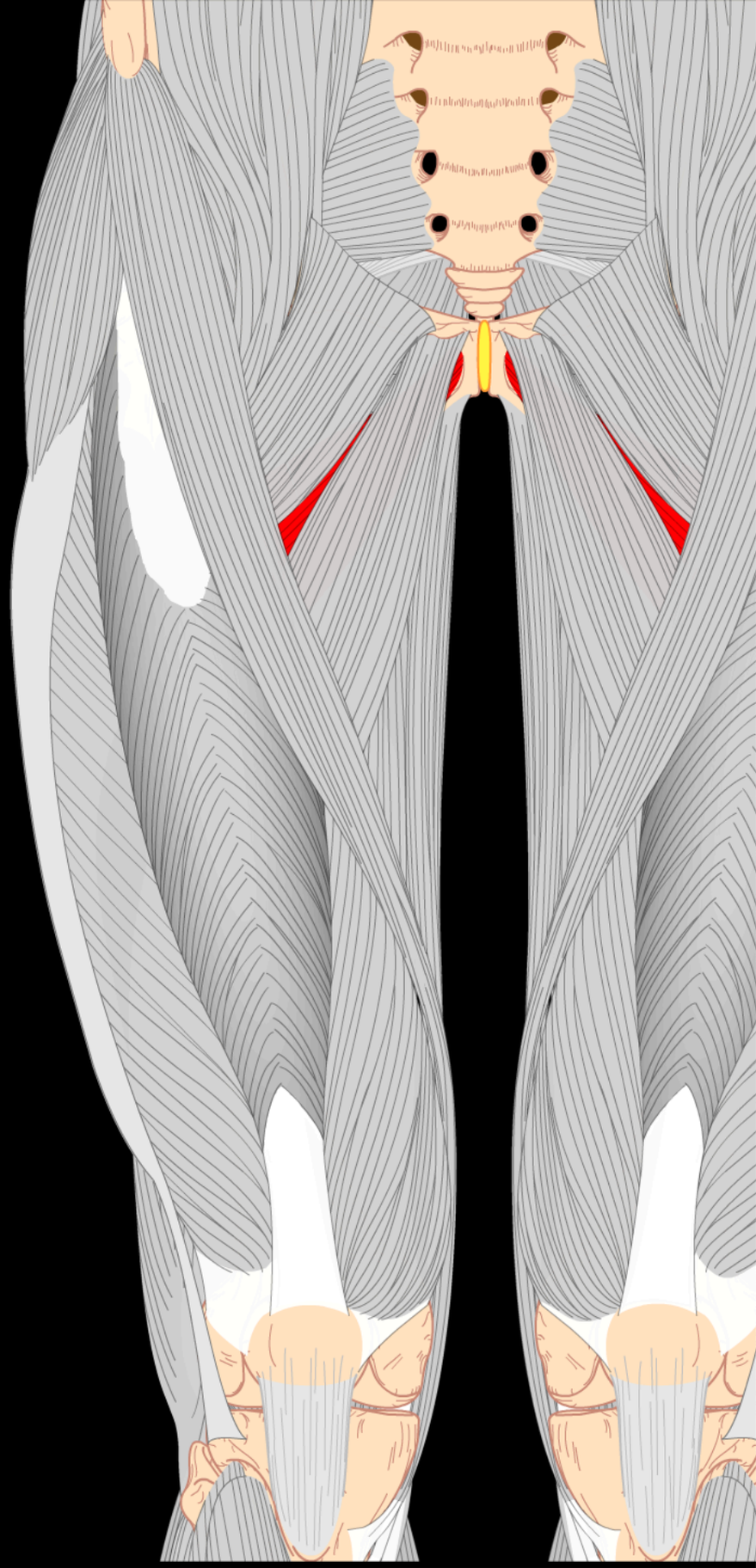


Inferior limb

Medial Thigh Compartment

Adductor brevis

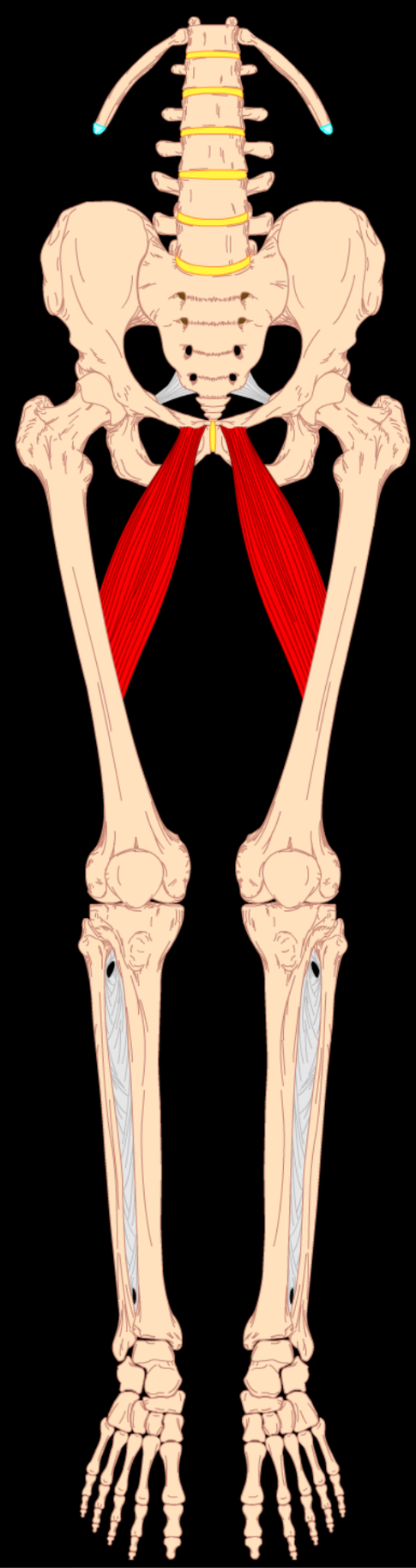
Topography



Inferior limb

Medial Thigh Compartment

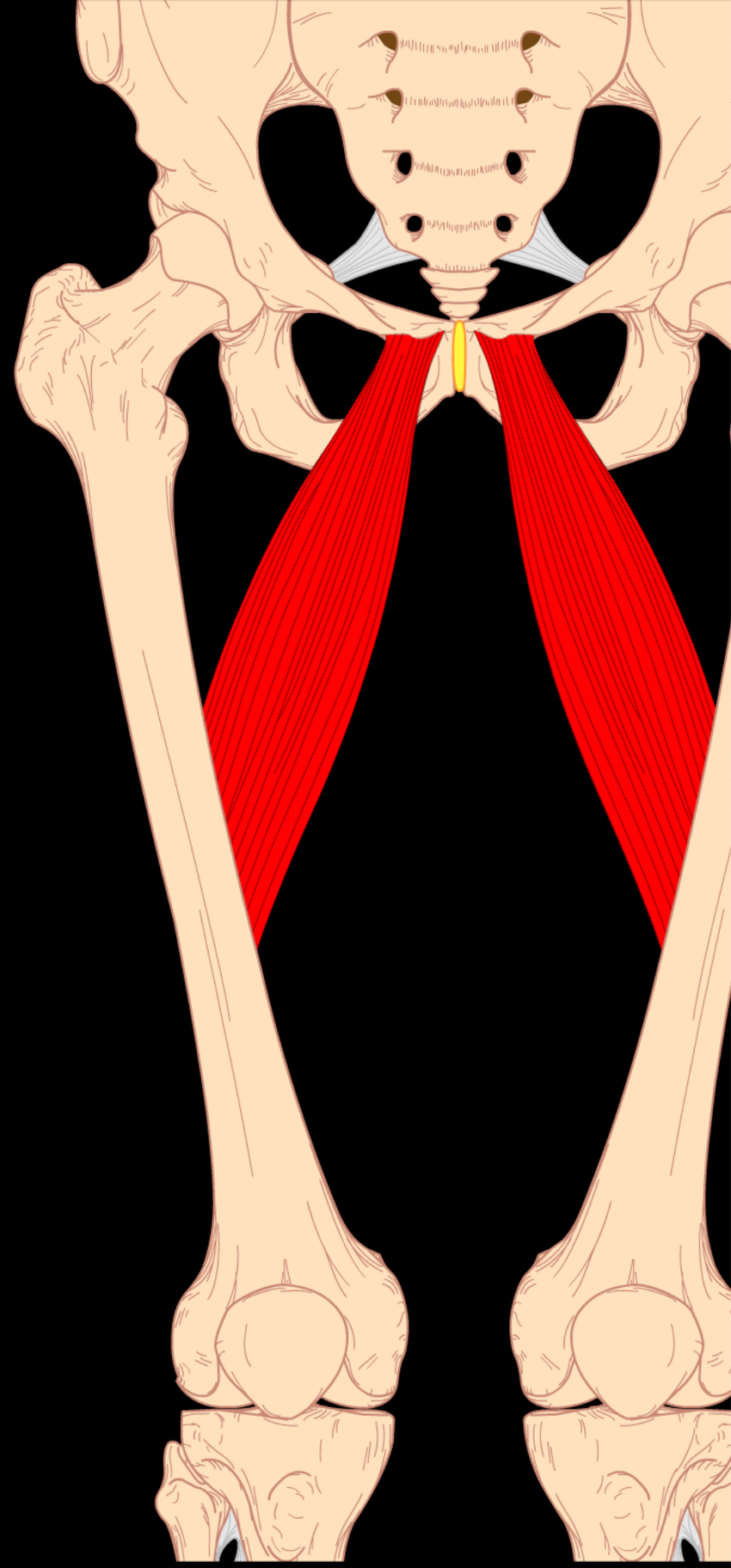
Adductor longus



Inferior limb

Medial Thigh Compartment

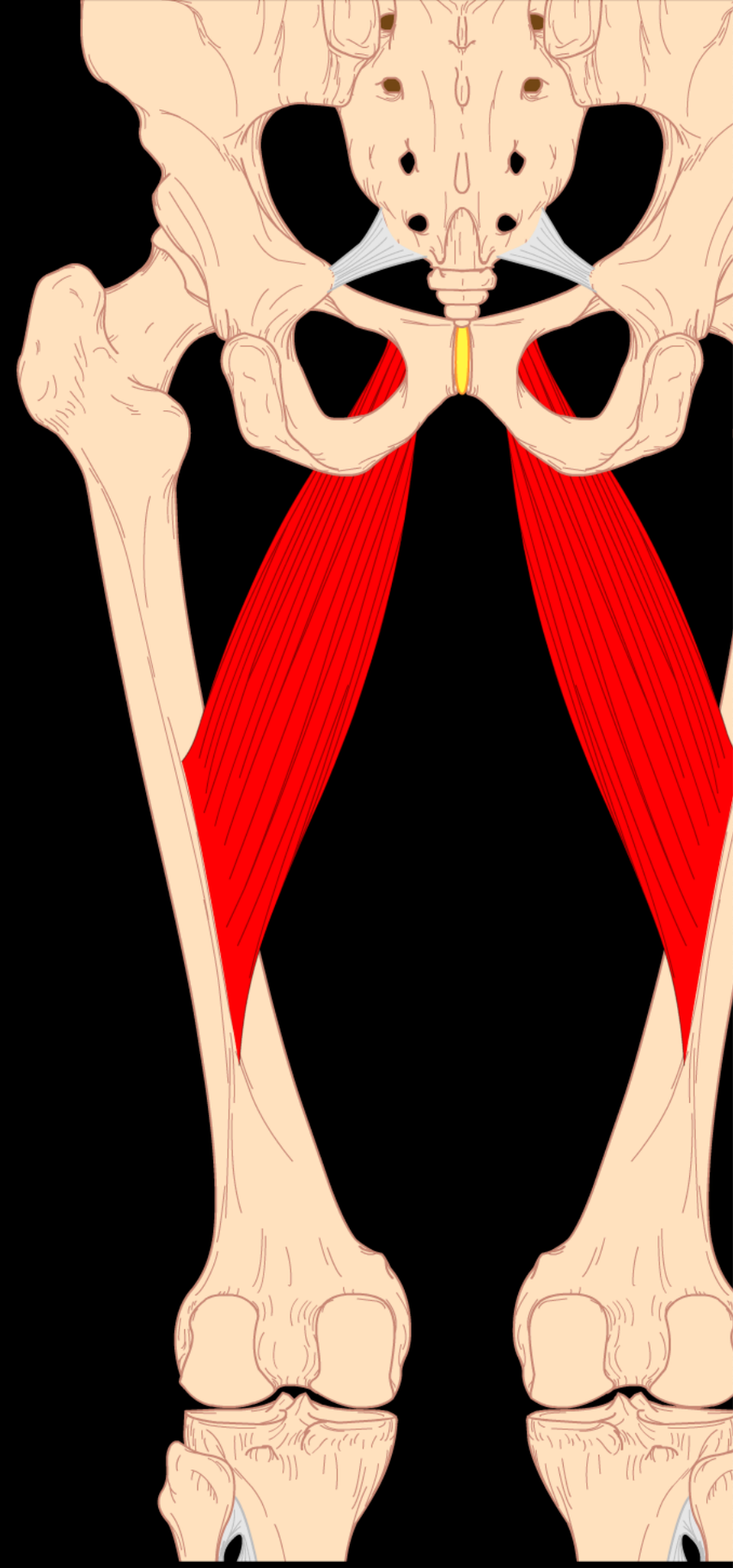
Adductor longus



Inferior limb

Medial Thigh Compartment

Adductor longus



Inferior limb

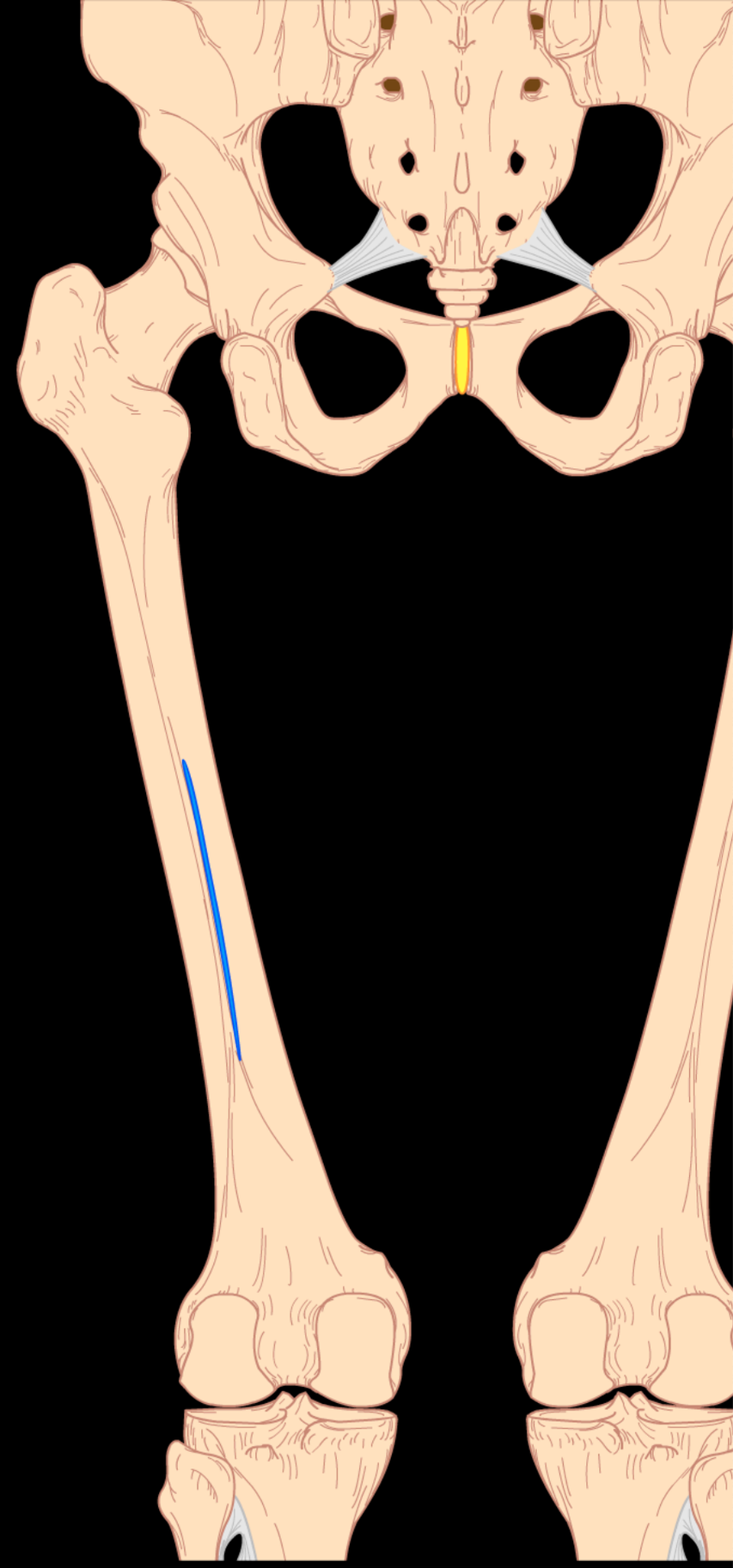
Medial Thigh Compartment

Adductor longus

Attachments

Origin

Insertion



Inferior limb

Medial Thigh Compartment

Adductor longus

Attachments

Origin

Insertion

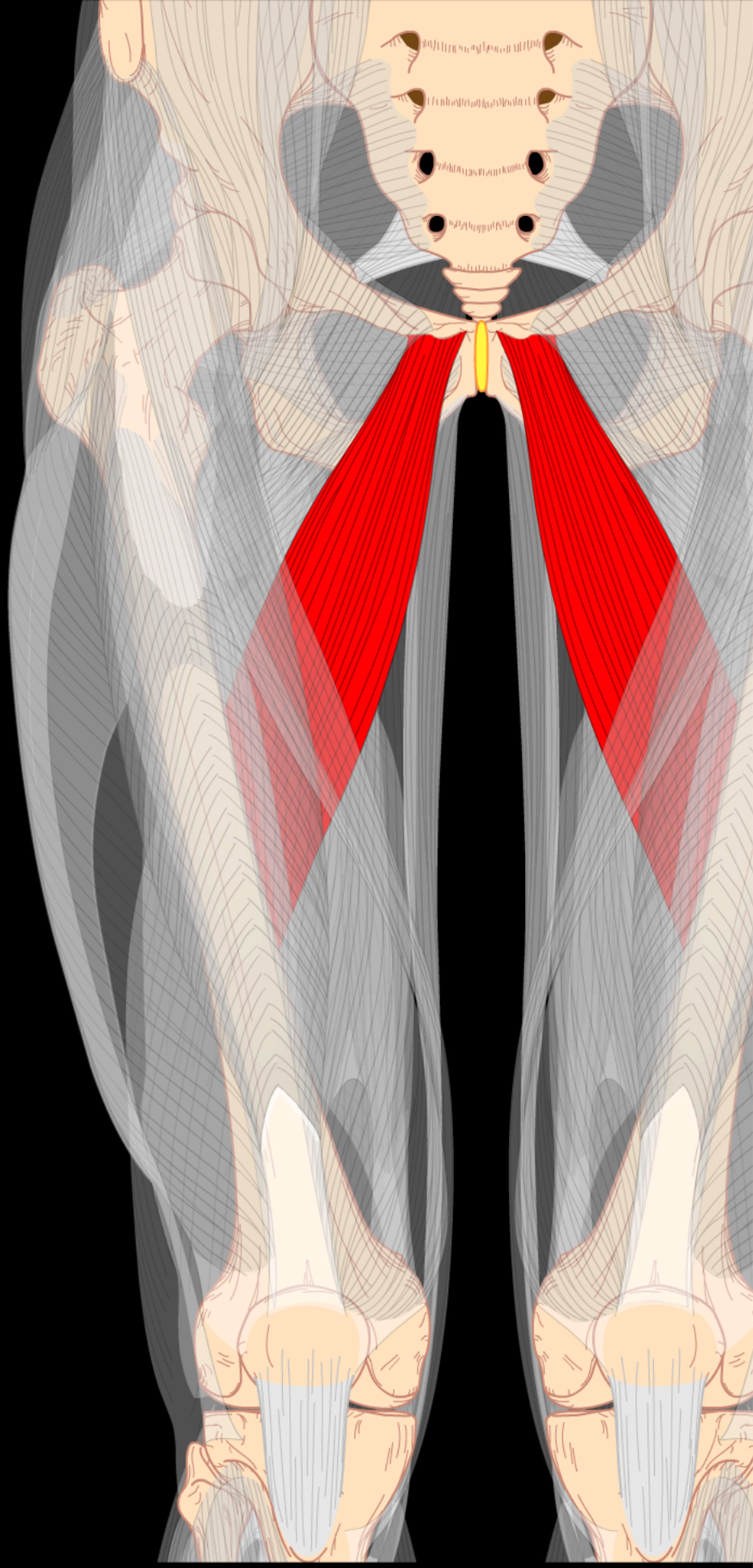


Inferior limb

Medial Thigh Compartment

Adductor longus

Topography

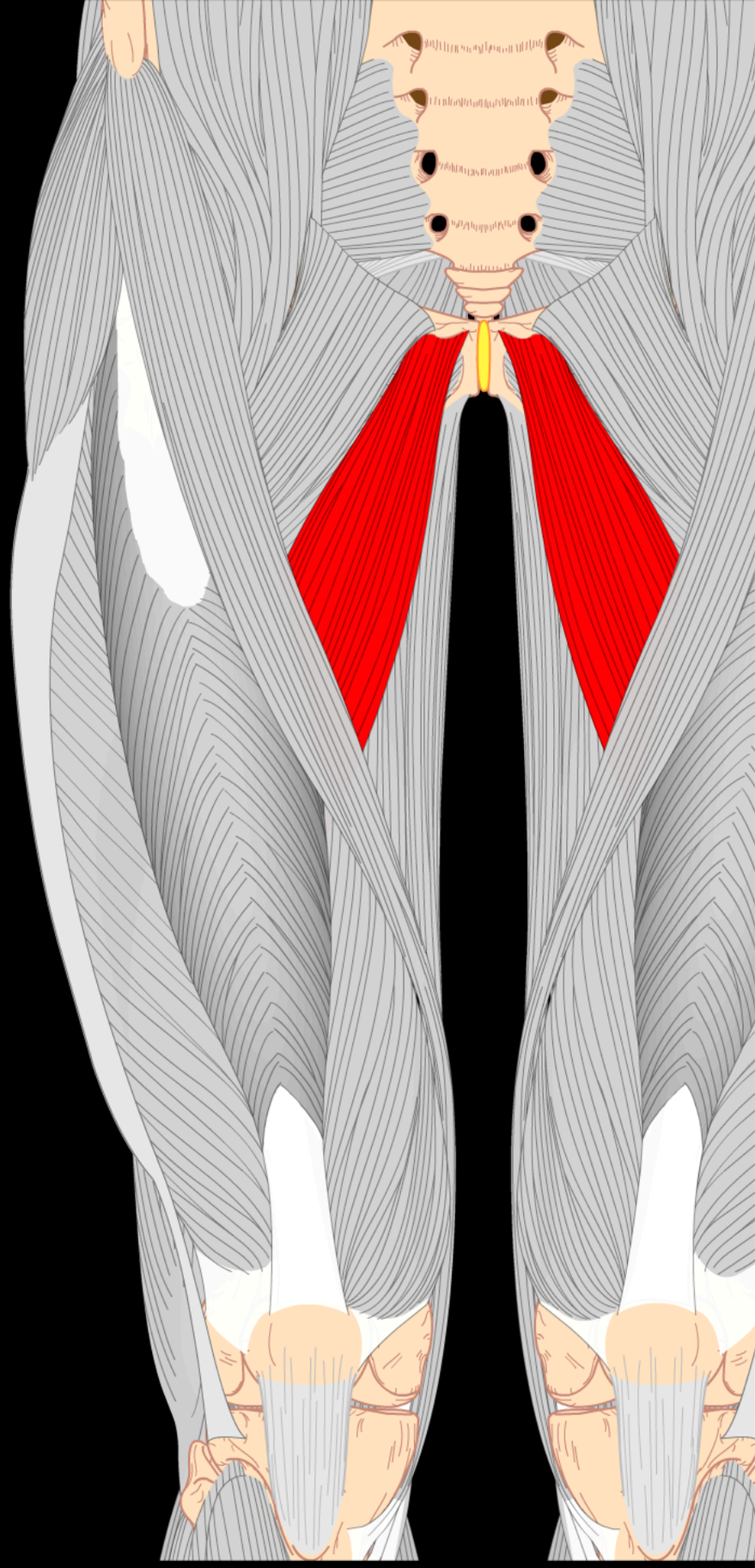


Inferior limb

Medial Thigh Compartment

Adductor longus

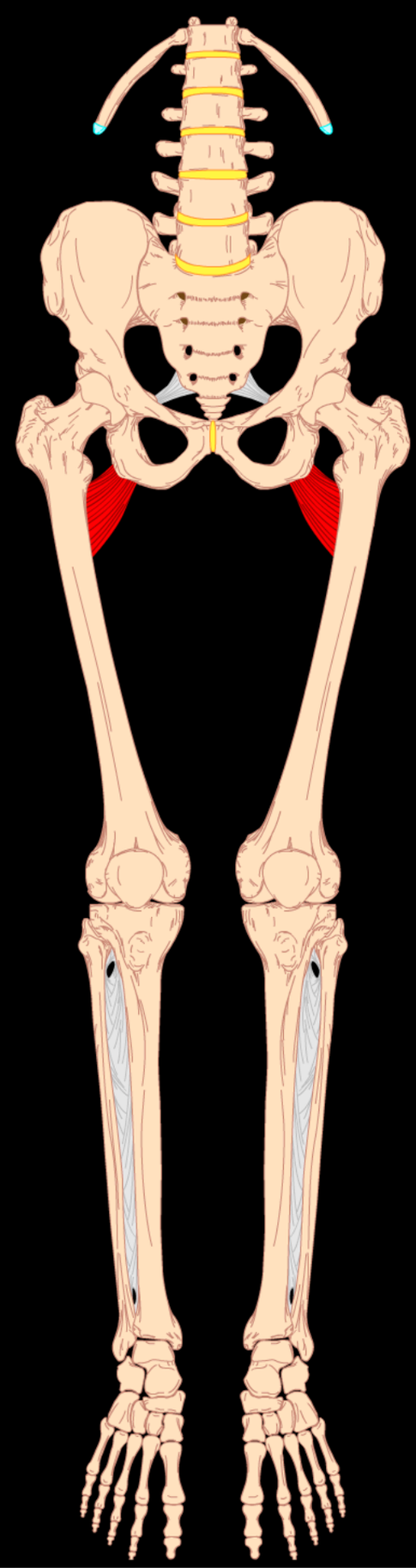
Topography



Inferior limb

Medial Thigh Compartment

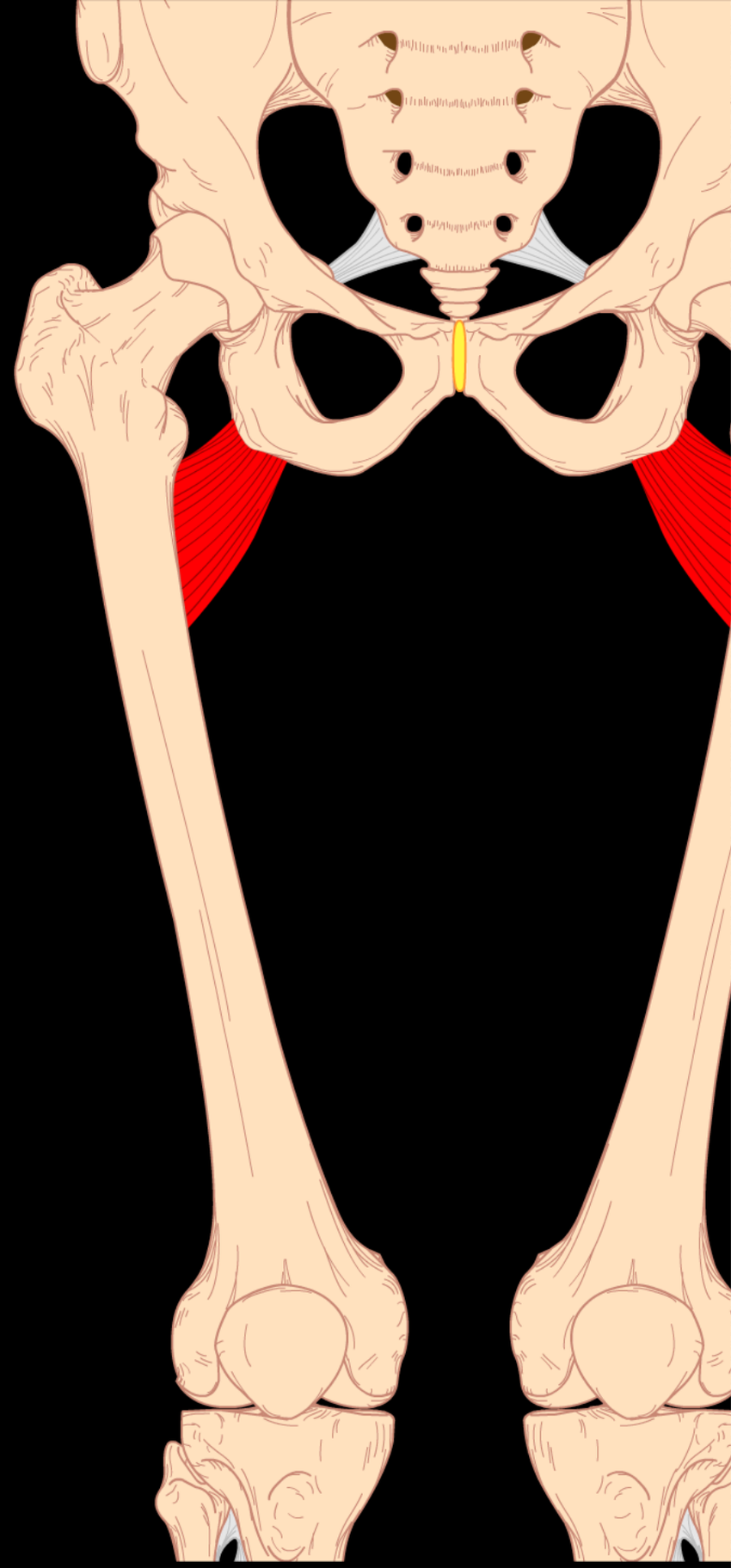
Adductor minimis



Inferior limb

Medial Thigh Compartment

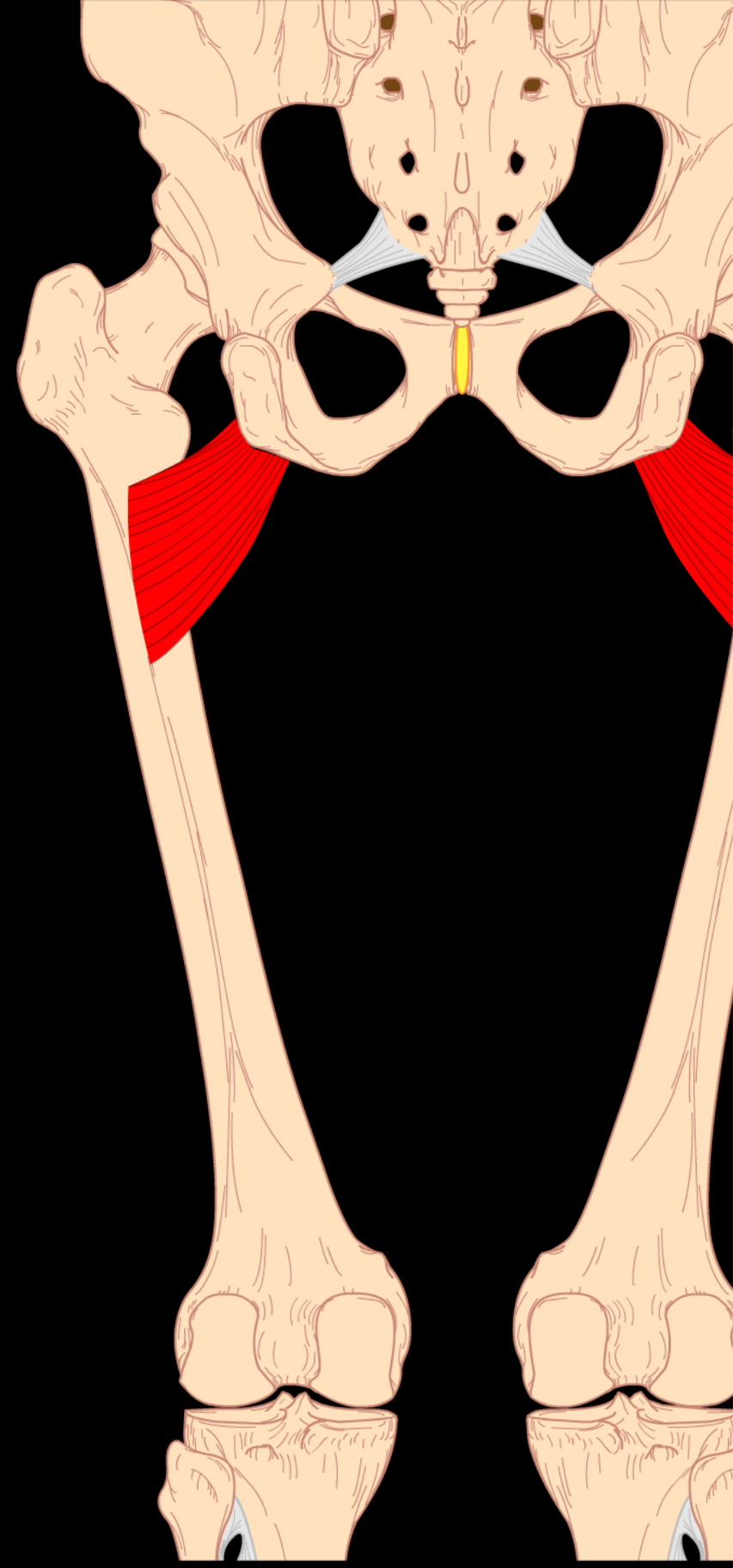
Adductor minimis



Inferior limb

Medial Thigh Compartment

Adductor minimis



Inferior limb

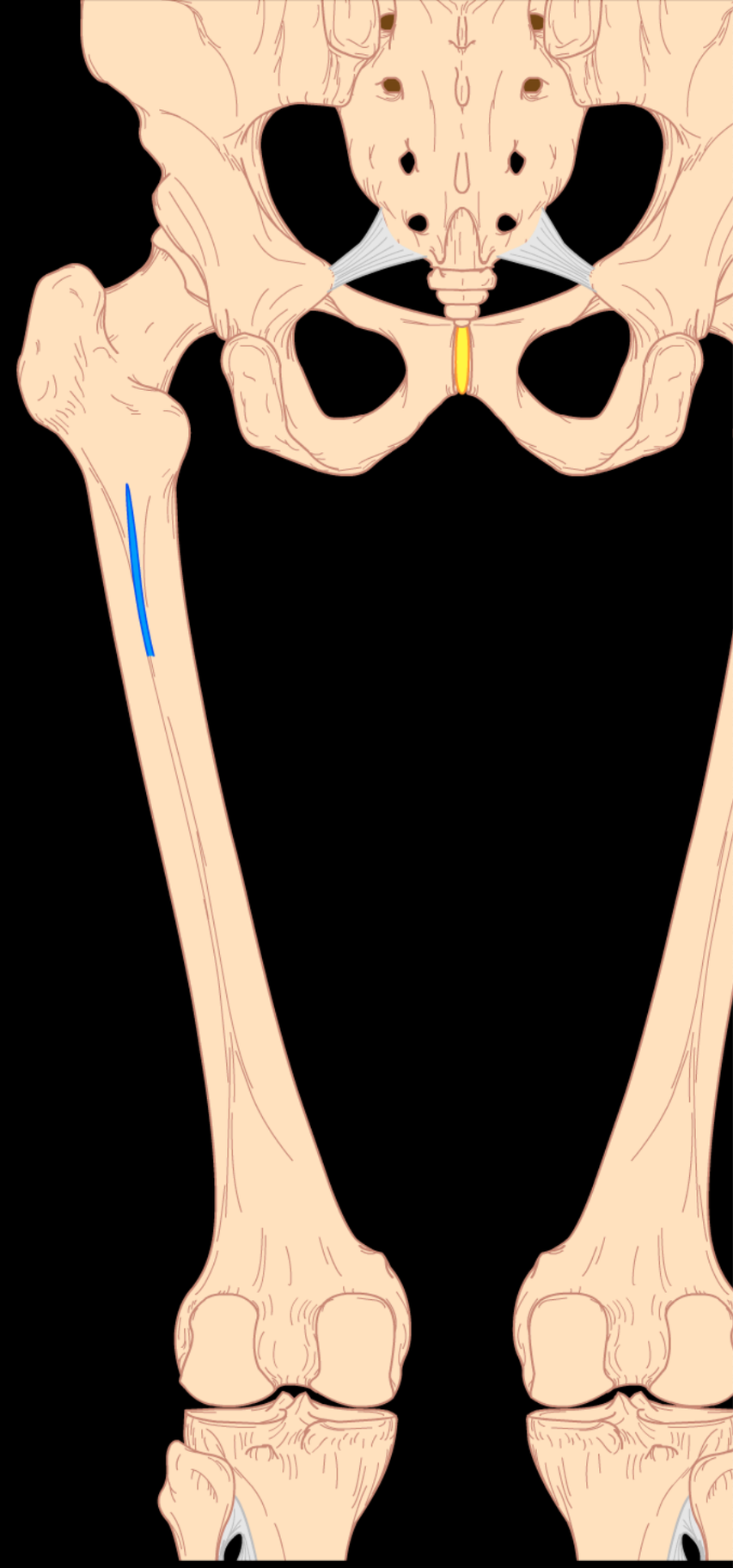
Medial Thigh Compartment

Adductor minimis

Attachments

Origin

Insertion



Inferior limb

Medial Thigh Compartment

Adductor minimis

Attachments

Origin

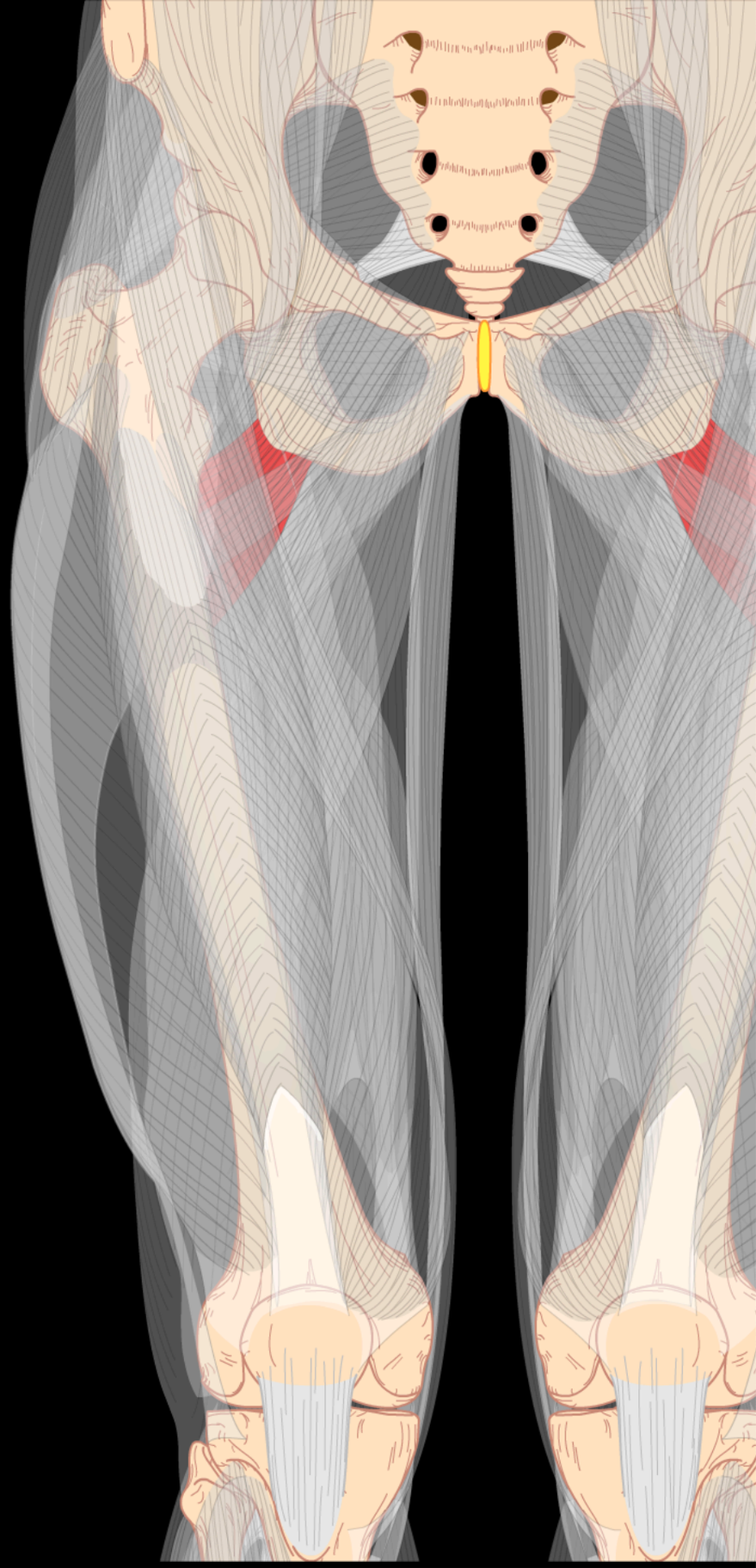
Insertion



Medial Thigh Compartment

Adductor minimis

Topography



Inferior limb

Medial Thigh Compartment

Adductor minimis

Topography



Inferior limb

Medial Thigh Compartment

Adductor minimis

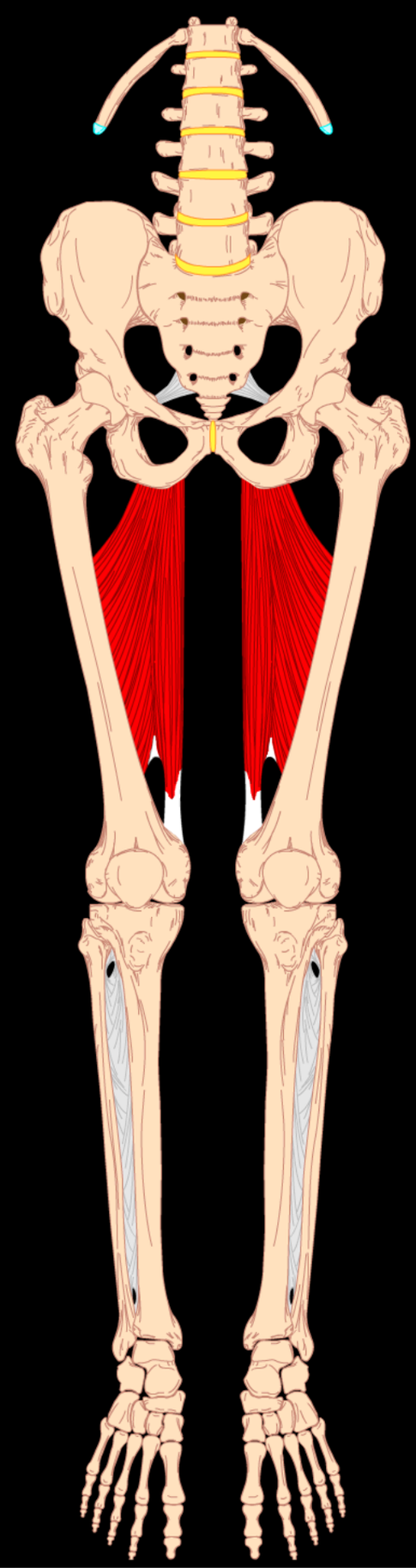
Topography



Inferior limb

Medial Thigh Compartment

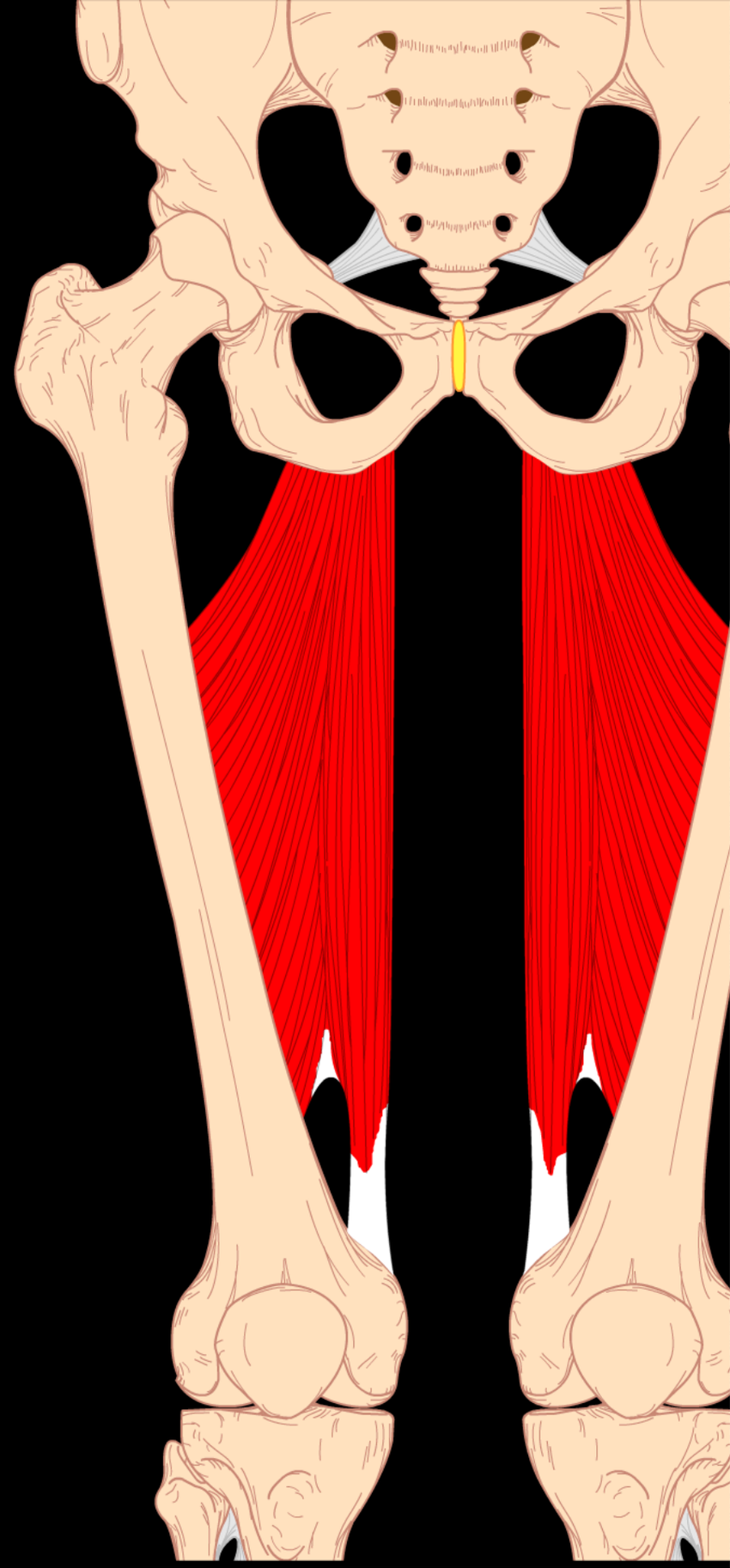
Adductor magnus



Inferior limb

Medial Thigh Compartment

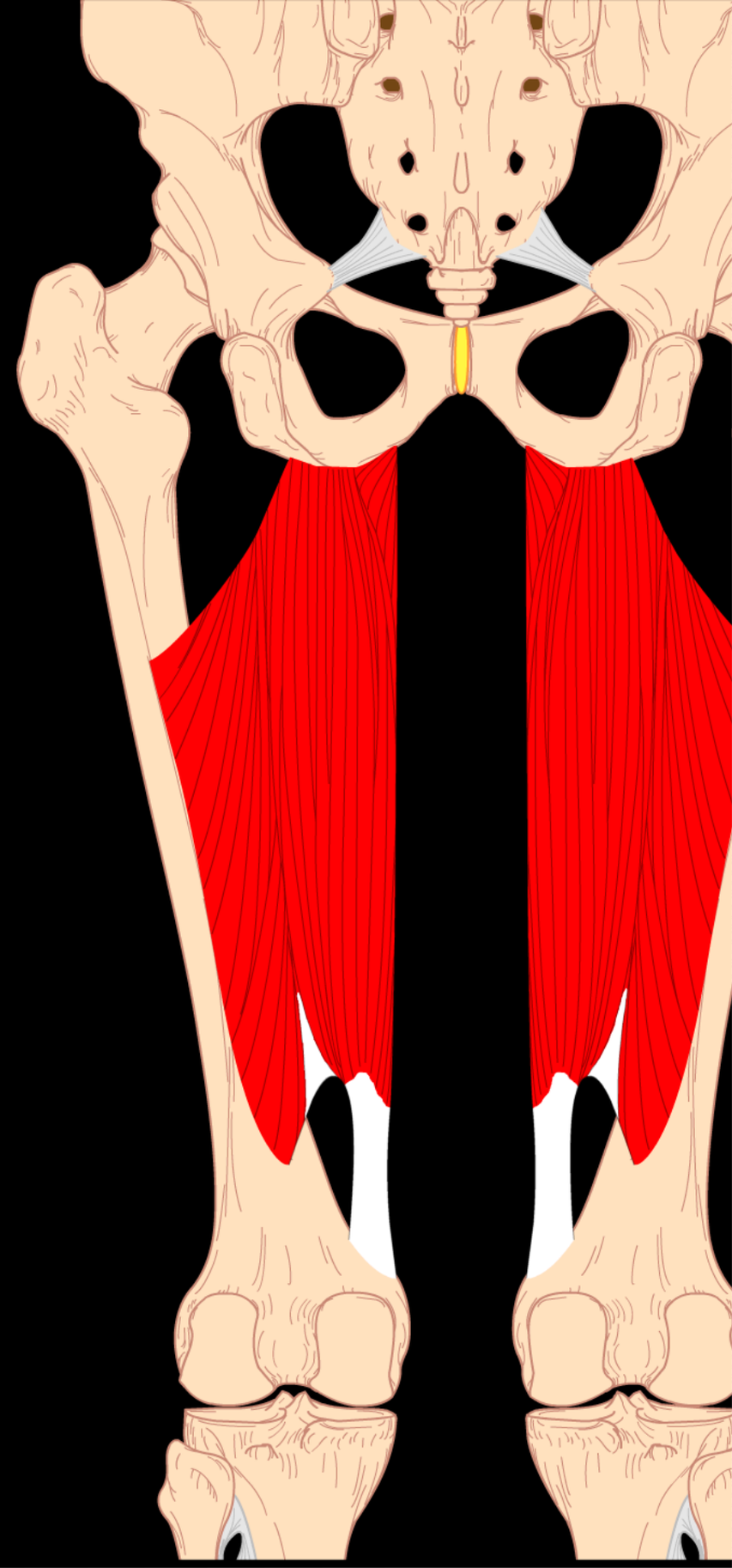
Adductor magnus



Inferior limb

Medial Thigh Compartment

Adductor magnus



Inferior limb

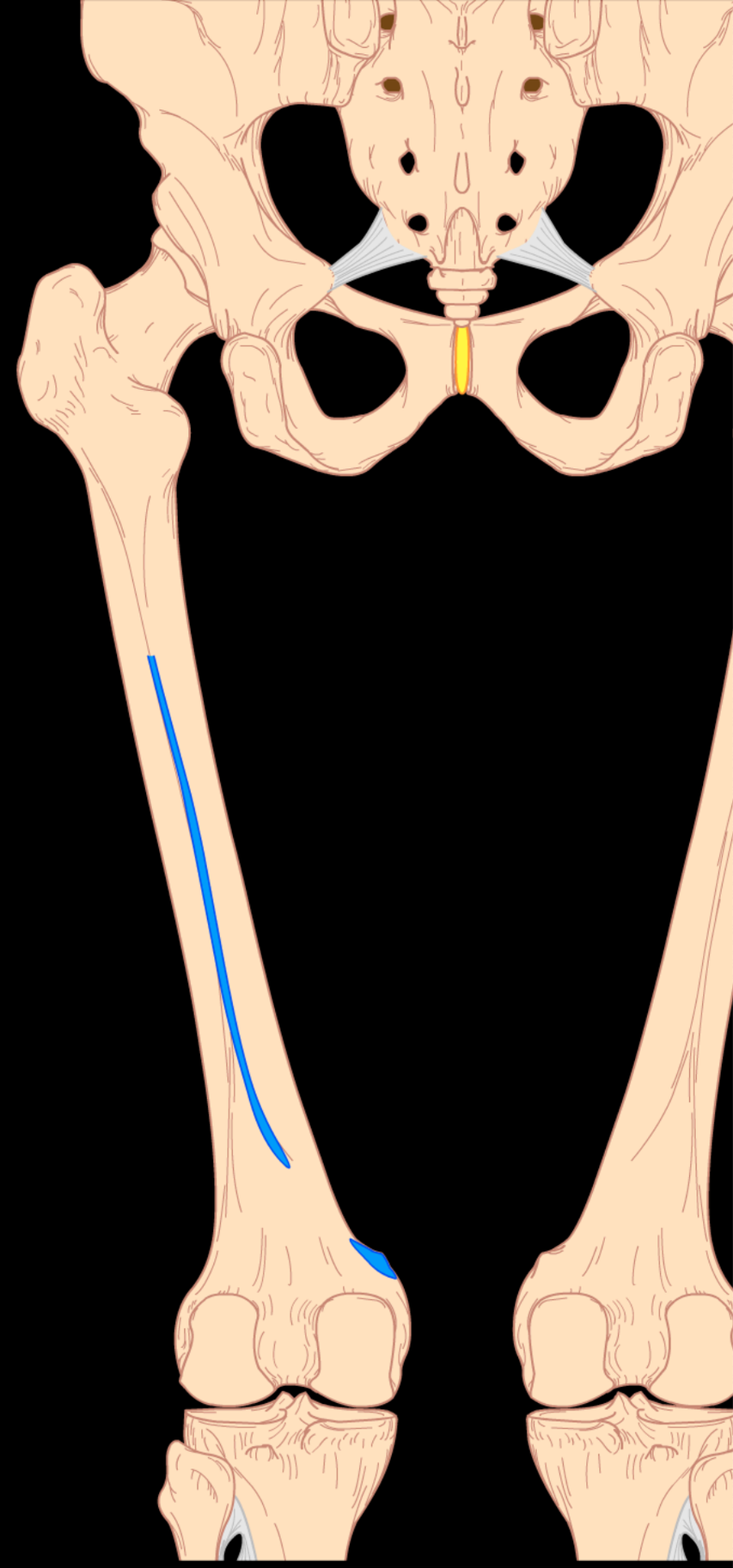
Medial Thigh Compartment

Adductor magnus

Attachments

Origin

Insertion



Inferior limb

Medial Thigh Compartment

Adductor magnus

Attachments

Origin

Insertion

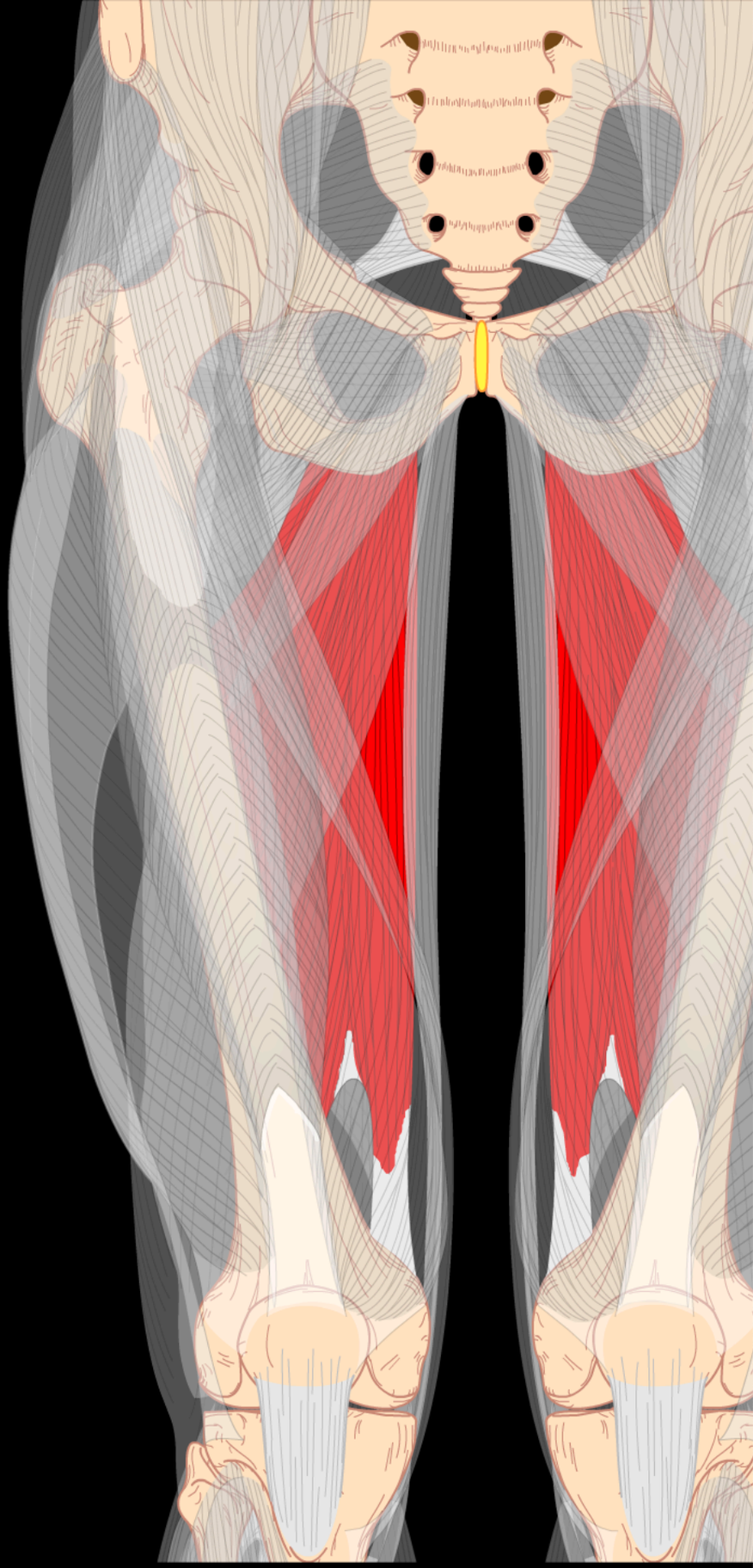


Inferior limb

Medial Thigh Compartment

Adductor magnus

Topography

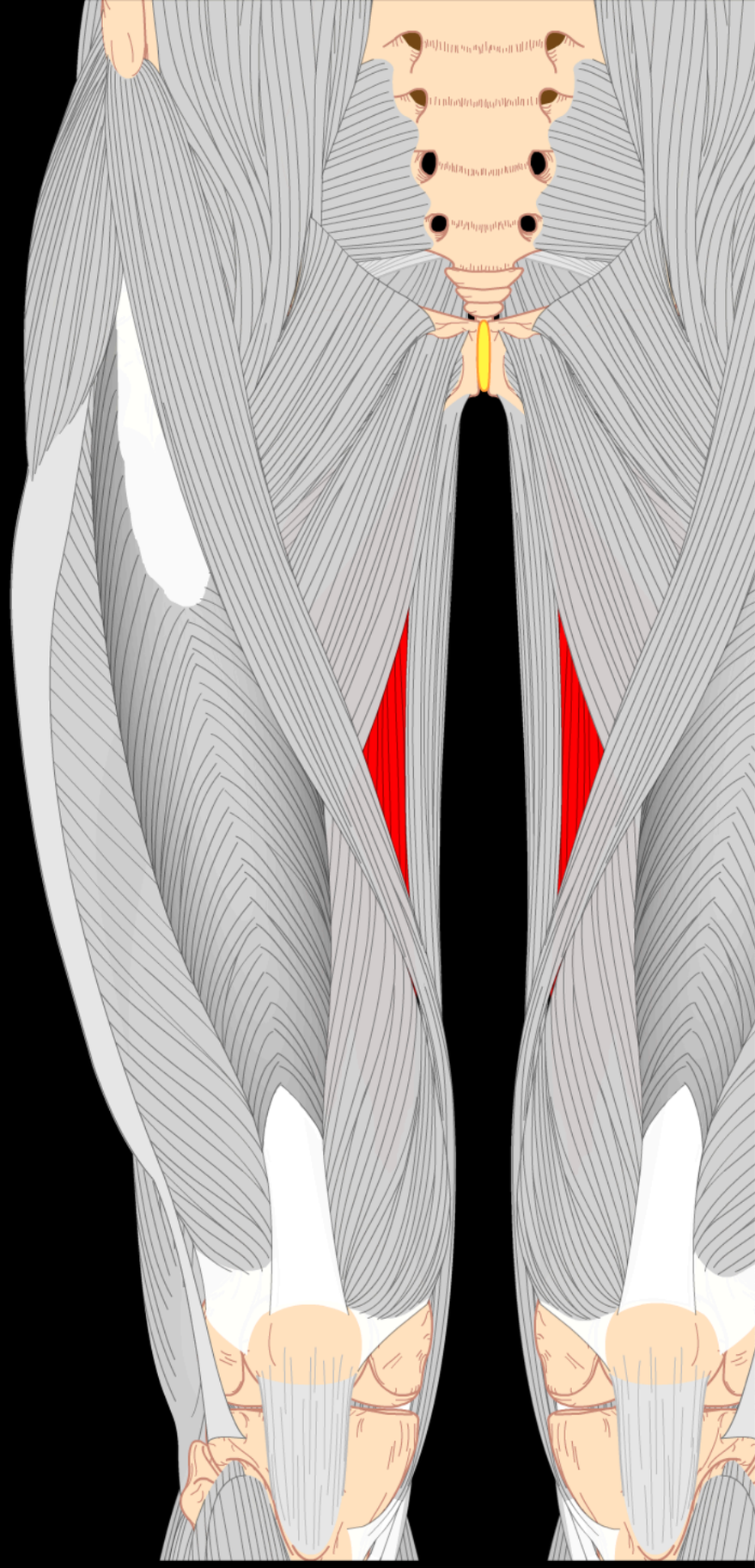


Inferior limb

Medial Thigh Compartment

Adductor magnus

Topography

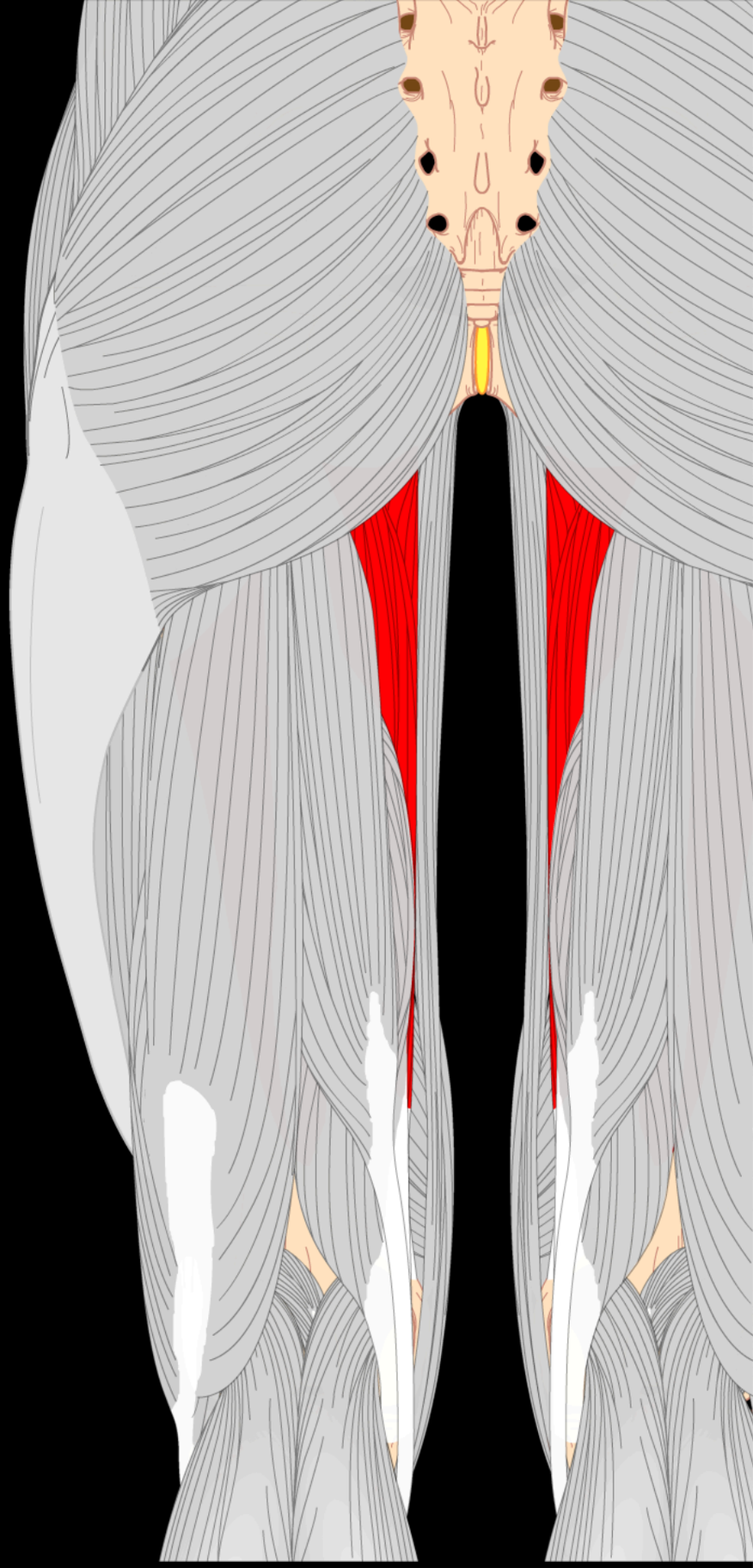


Inferior limb

Medial Thigh Compartment

Adductor magnus

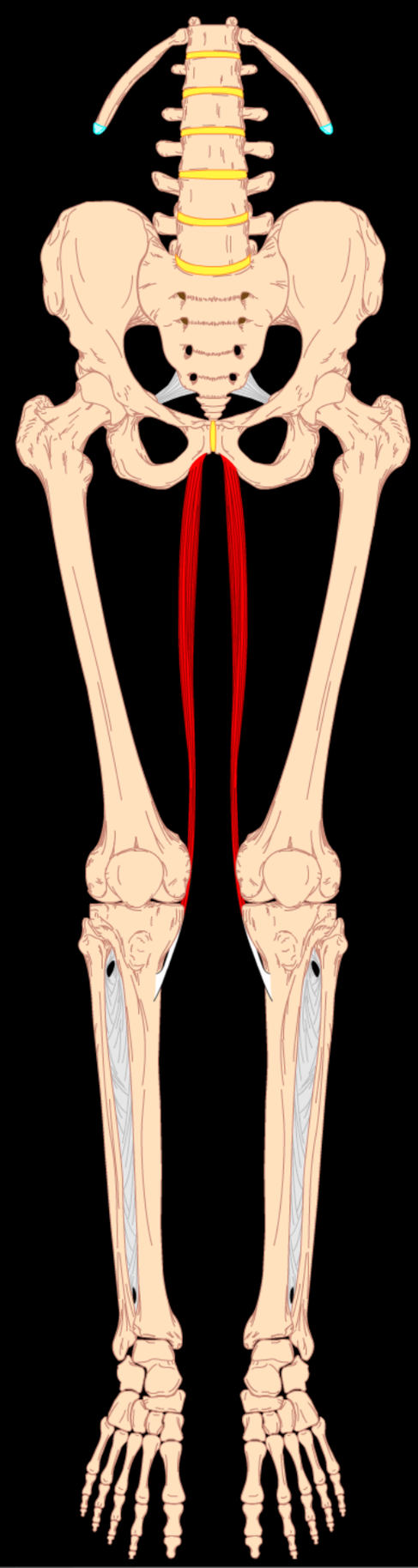
Topography



Inferior limb

Medial Thigh Compartment

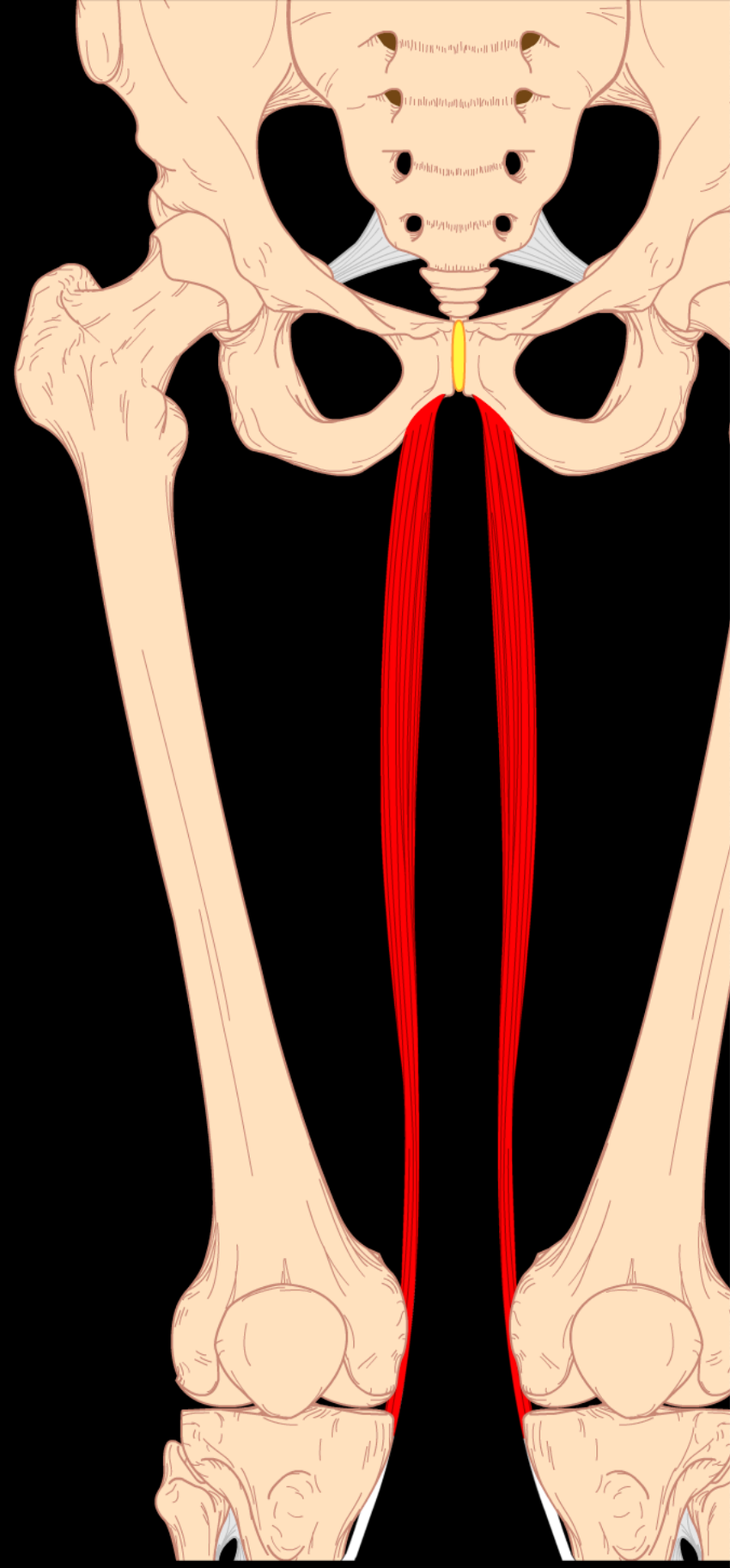
Gracilis



Inferior limb

Medial Thigh Compartment

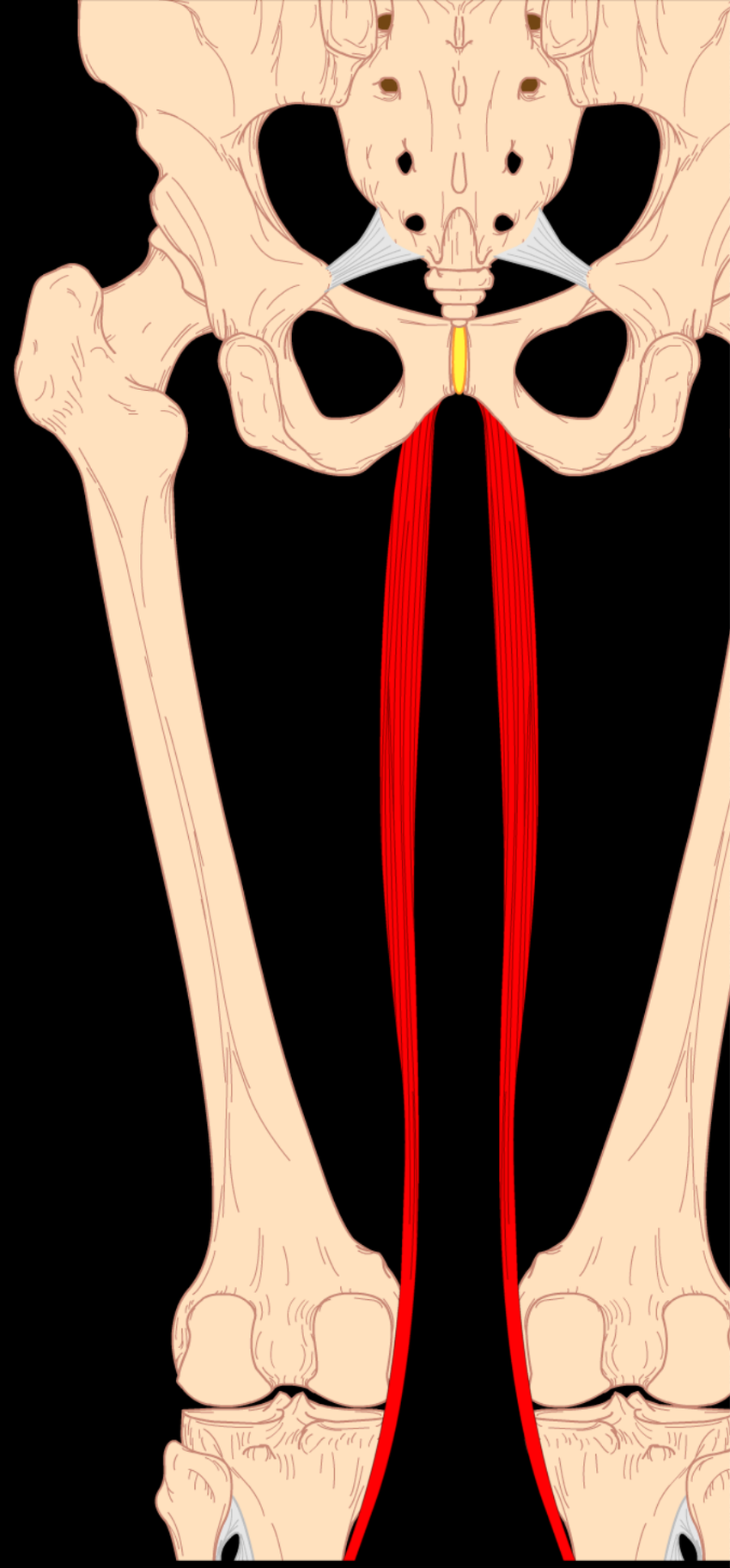
Gracilis



Inferior limb

Medial Thigh Compartment

Gracilis



Inferior Limb

Medial Thigh Compartment

Gracilis

Attachments

Origin

Insertion



Inferior limb

Medial Thigh Compartment

Gracilis

Topography

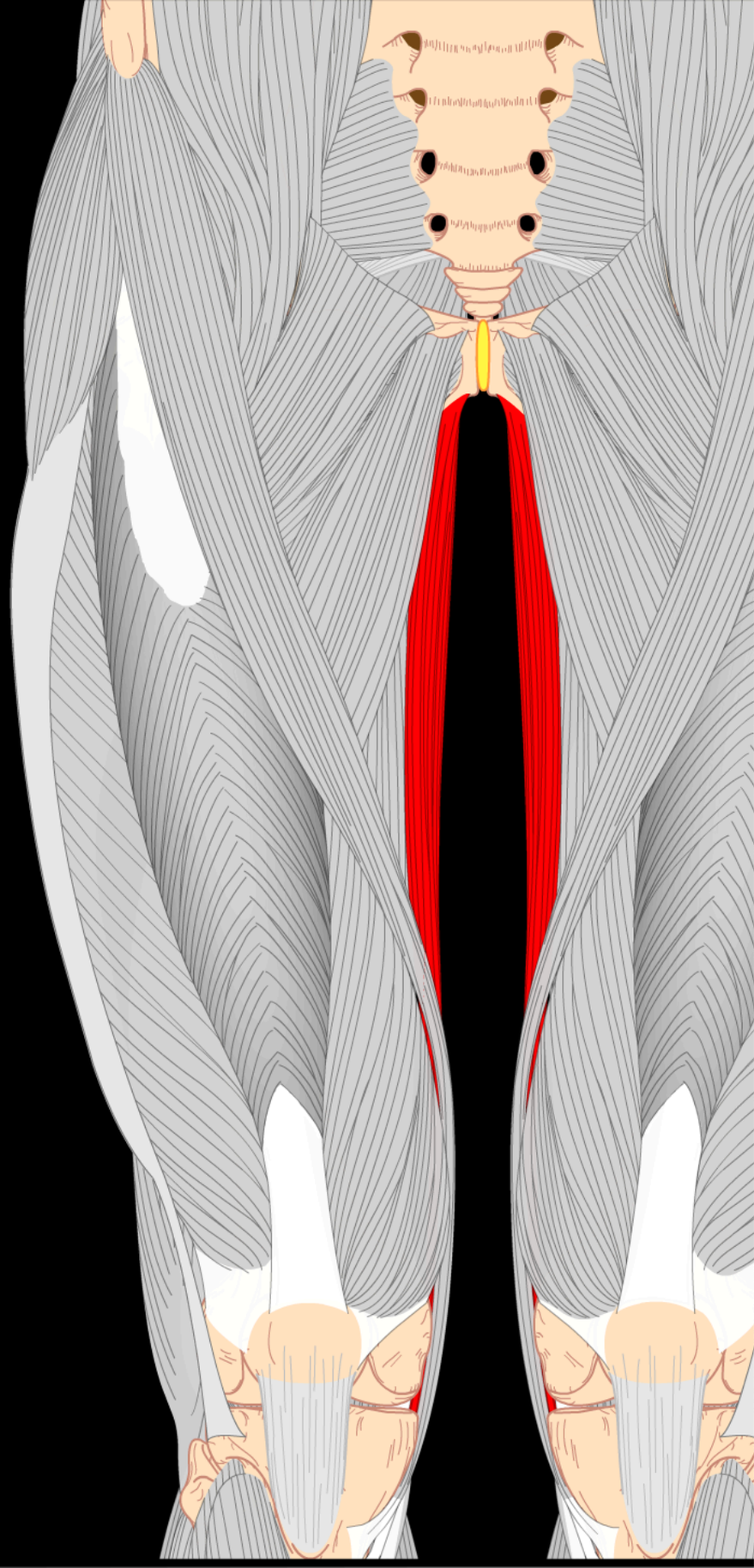


Inferior limb

Medial Thigh Compartment

Gracilis

Topography



Inferior limb

Medial Thigh Compartment

Gracilis

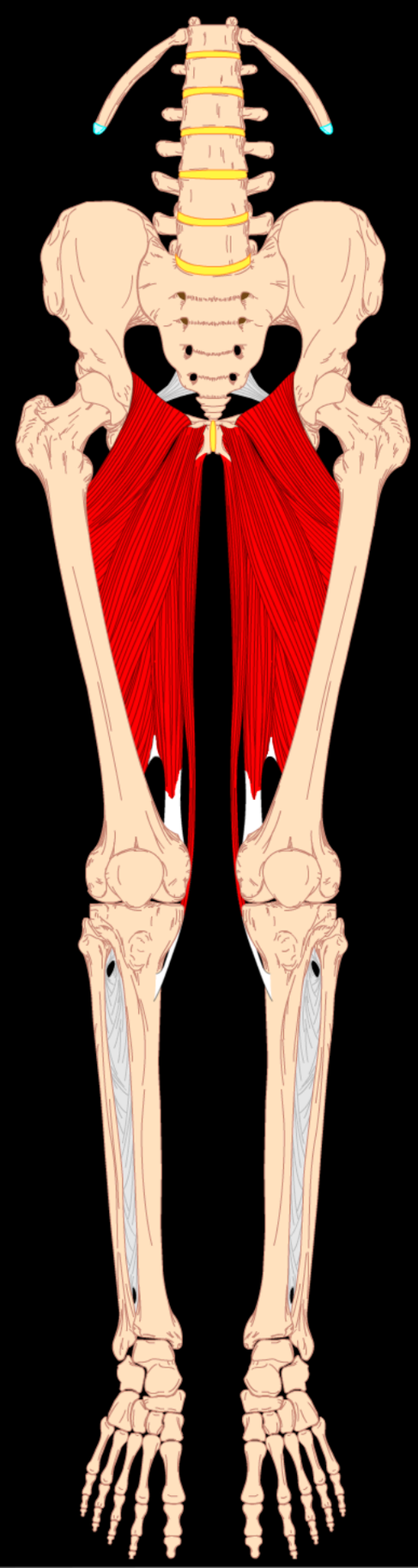
Topography



Inferior limb

Medial Thigh Compartment

Summary



Inferior limb

Medial Thigh Compartment

Summary

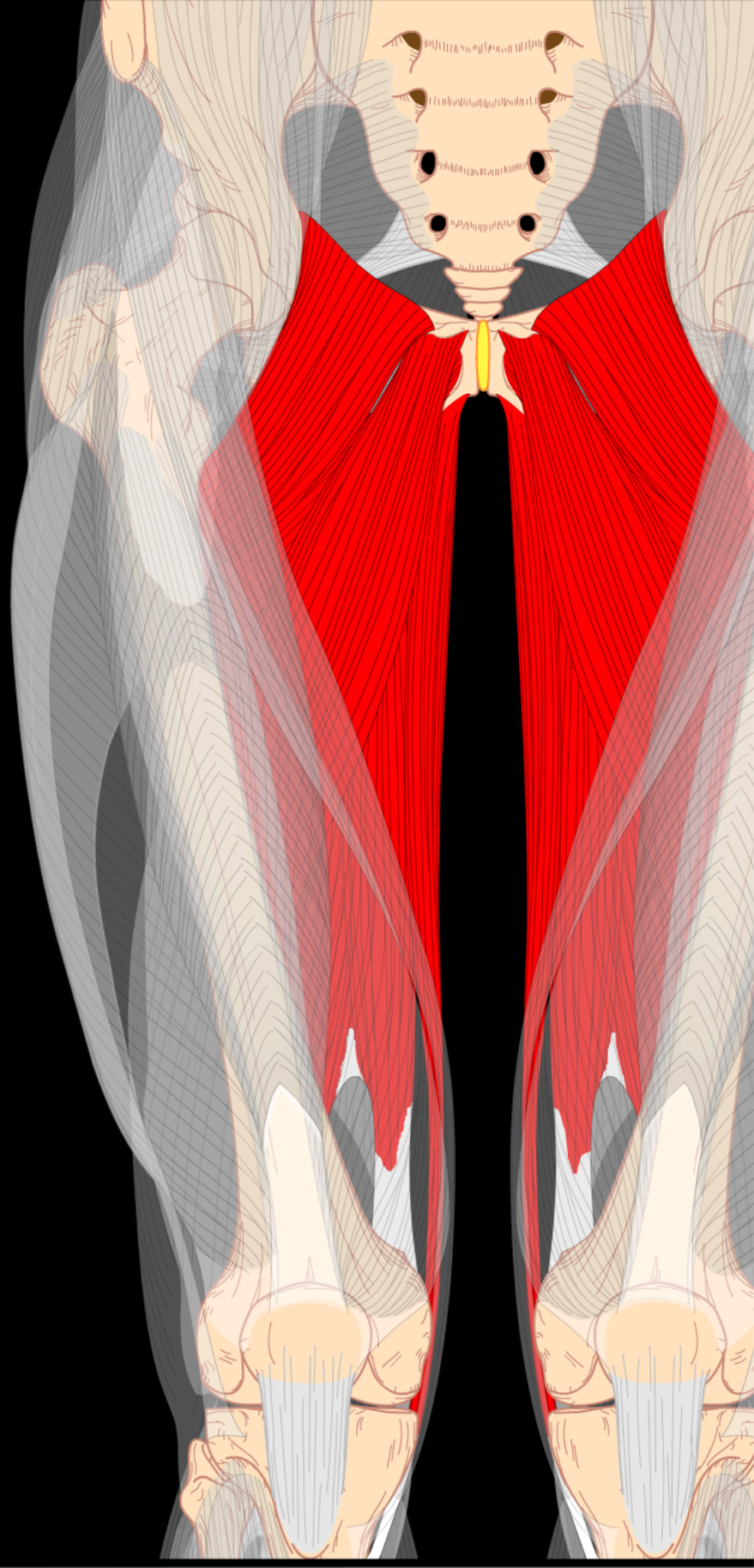


Inferior limb

Medial Thigh Compartment

Summary

Topography

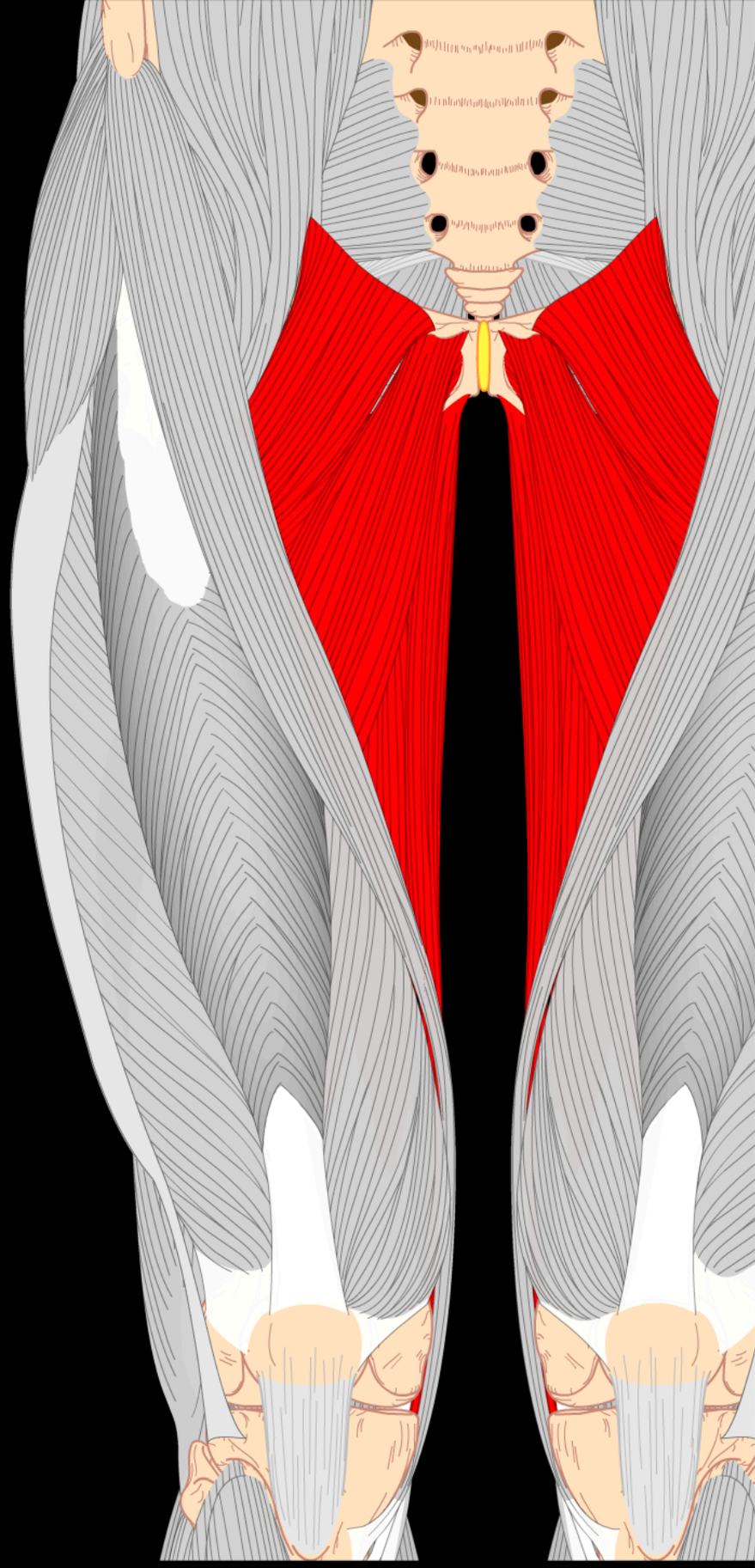


Inferior limb

Medial Thigh Compartment

Summary

Topography



Inferior limb

Medial Thigh Compartment

Summary

Topography

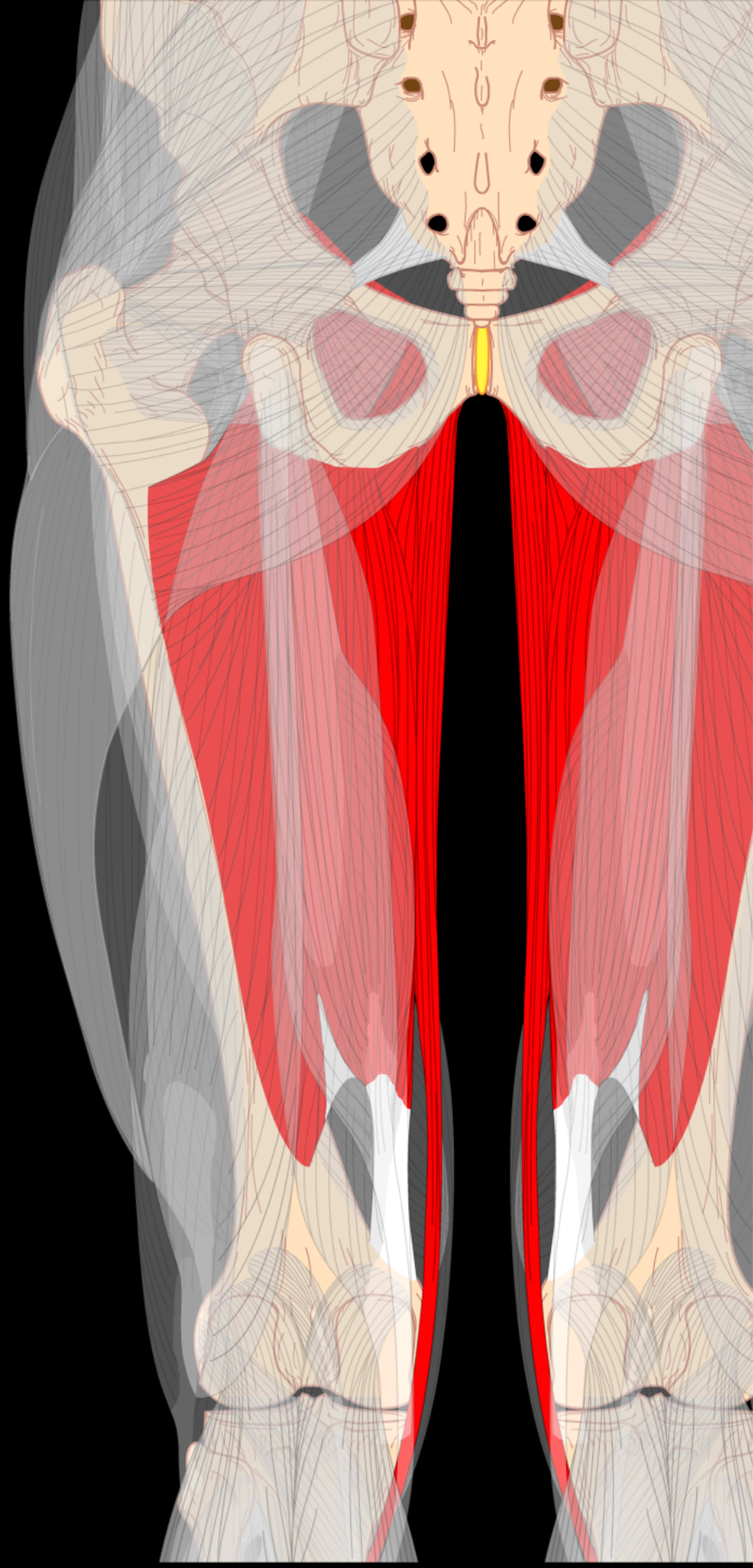


Inferior limb

Medial Thigh Compartment

Summary

Topography



Inferior Limb Innervation

Muscle Innervation

Obturator nerve

Medial compartment and obturator externus

