

# Spinalis Muscle

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## 1 OIAN

Table 1: Spinalis Muscle OIAN

Muscle	Origin	Insertion	Nerve	Action
Spinalis Cervicis	C5-T2 (SP)	C2-C5 (SP)	Spinal nn. (Posterior Rami)	<b>BIL:</b> Extends C/S and T/S; <b>UNIL:</b> I/L SB cervical and thoracic spine

Muscle	Origin	Insertion	Nerve	Action
<a href="#">Spinalis Thoracis</a>	T10-L3 (SP, lat surface)	T2-T8 (SP, lat surface)	<a href="#">Spinal nn. (Posterior Rami)</a>	<b>BIL:</b> Extends C/S and T/S; <b>UNIL:</b> I/L SB cervical and thoracic spine

## 2 Spinalis Cervicis

### 2.1 Origin

C5-T2 (SP)<sup>1</sup>

### 2.2 Insertion

C2-C5 (SP)<sup>1</sup>

### 2.3 Innervation

[Spinal nn. \(Posterior Rami\)](#)<sup>1</sup>

### 2.4 Action

- **BIL:** Extends C/S and T/S<sup>1</sup>
- **UNIL:** I/L SB cervical and thoracic spine<sup>1</sup>

## 3 Spinalis Thoracis

### 3.1 Origin

T10-L3 (SP, lat surface)<sup>1</sup>

### 3.2 Insertion

T2-T8 (SP, lat surface)<sup>1</sup>

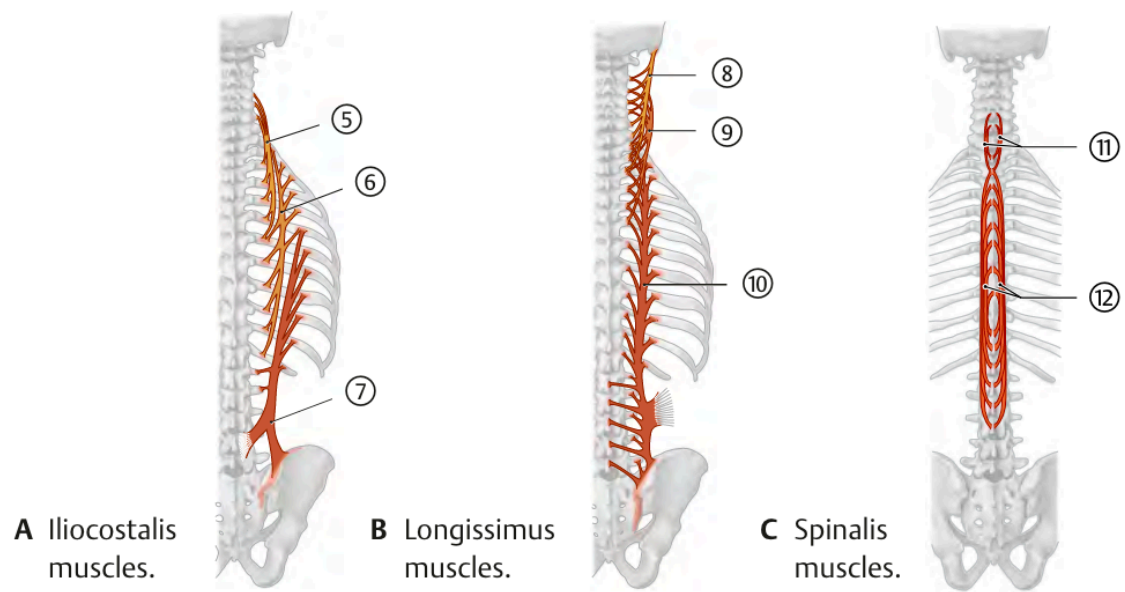


Figure 1: Schematic view of the intermediate intrinsic muscles of the back (Erector spinae)<sup>1</sup>

### 3.3 Innervation

Spinal nn. (Posterior Rami)<sup>1</sup>

### 3.4 Action

- **BIL**: Extends C/S and T/S<sup>1</sup>
- **UNIL**: I/L SB cervical and thoracic spine<sup>1</sup>

1. Gilroy AM, MacPherson BR, Wikenheiser JC, Voll MM, Wesker K, Schünke M, eds. *Atlas of Anatomy*. 4th ed. Thieme; 2020.

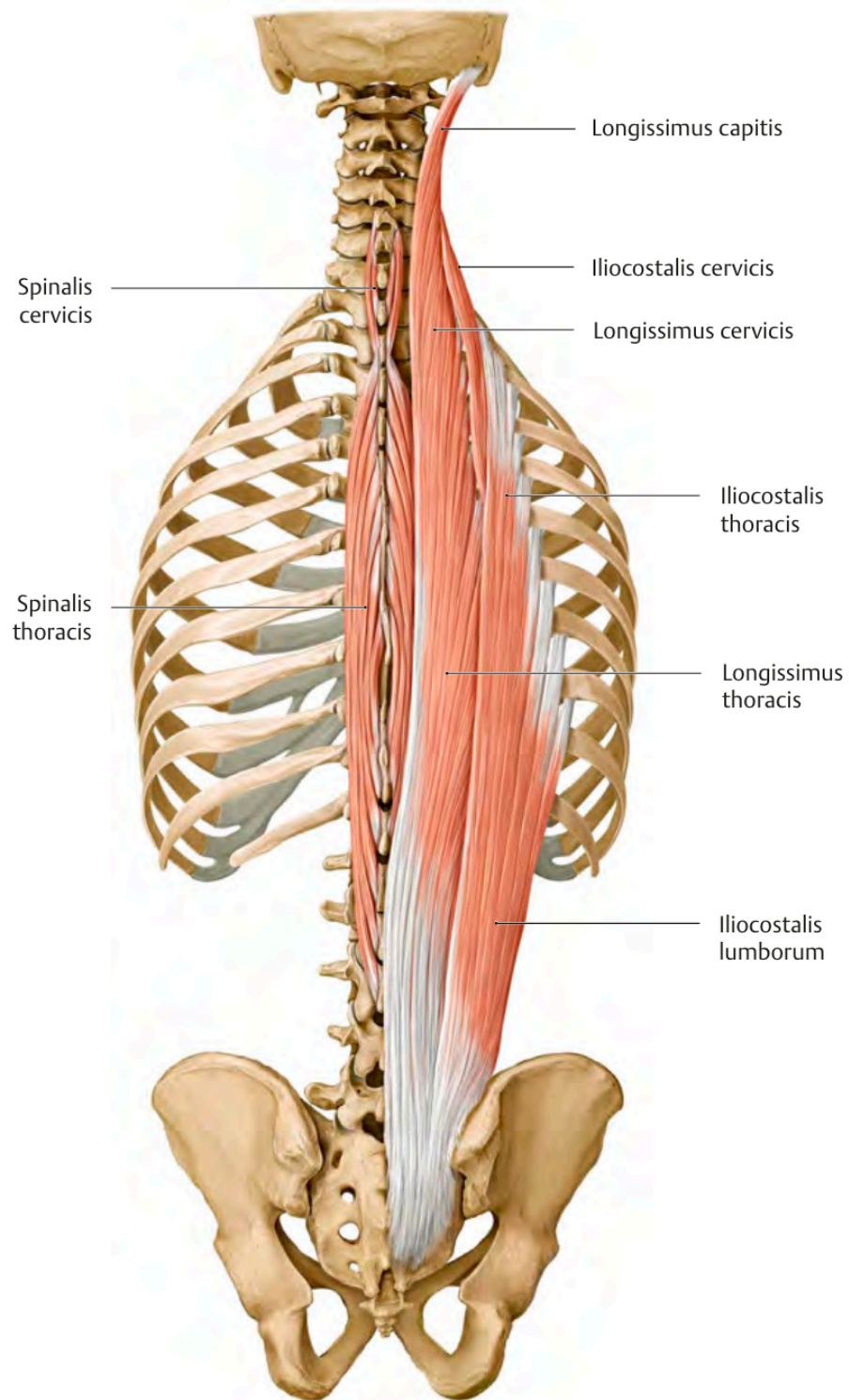


Figure 2: Intermediate intrinsic muscles of the back / Erector spinae (Posterior view)<sup>1</sup>