Best Scapulothoracic Exercises (Based on EMG Studies):

(Feldman, 2009; Reinold et al., 2009; Reinold et al., 2004)

Muscle	Best Exercises Based on EMG	Exercise Pictures	
Lower Trapezius	1- Prone "Y" 2- Prone ER at 90° Abd 3- Prone "T"* *Good Low Trap to Upper Trap ratio of activation		
Middle Trapezius	1- Prone Row 2- Prone "T"		
Rhomboids & Levator Scapula	1- Prone Row 2- Prone "T" 3- Prone "I"		
Serratus Anterior	1- Pushup "Plus" 2- Dynamic "Hug" (< 90° Abd) 3- "Punch" at 120° Abd		

Best Rotator Cuff Exercises (Based on EMG Studies):

(Feldman, 2009; Reinold et al., 2009; Reinold et al., 2004)

Muscle	Best Exercises Based on EMG	Exercise Pictures
Supraspinatus	1- Scaption 2- Prone "Y"	
Infraspinatus & Teres Minor	1- ER in sidelying 2- Prone ER at 90° Abd	
Subscapularis	1- IR at 0° Abd 2- IR at 90° Abd	

References:

- Feldman D. Electromyographic Analysis of the Supraspinatus and Deltoid Muscles During 3 Common Rehabilitation Exercises. *Yearbook of Sports Medicine*. 2009;2009:90-91.
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- Reinold MM, Escamilla R, Wilk KE. Current Concepts in the Scientific and Clinical Rationale Behind Exercises for Glenohumeral and Scapulothoracic Musculature. J Orthop Sports Phys Ther. 2009;39(2):105-117.