

Supplementary Information

(cropped Blots & full length blots)

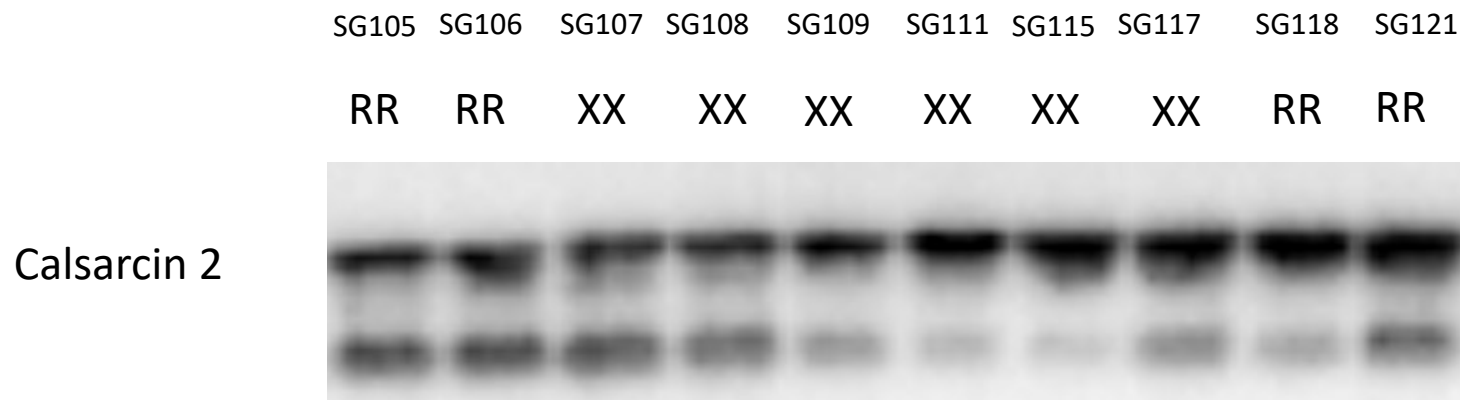
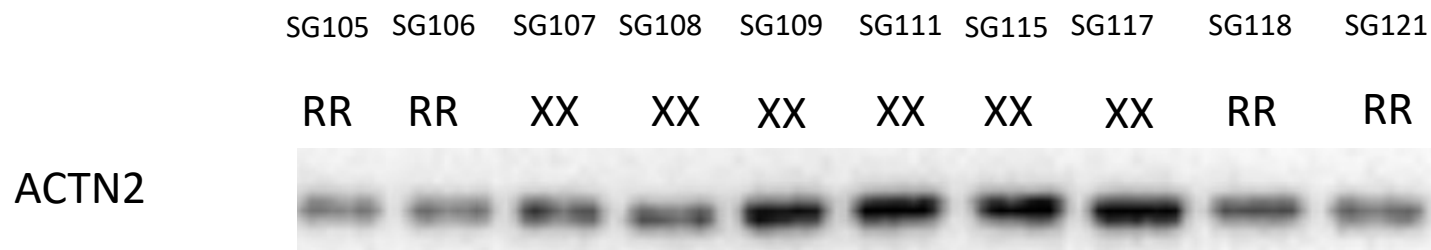
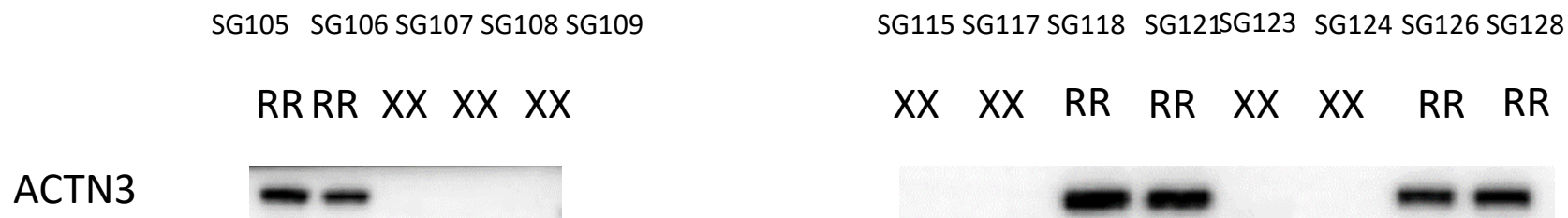
A human knockout model to investigate the influence of the α -actinin-3 protein on exercise-induced mitochondrial adaptations

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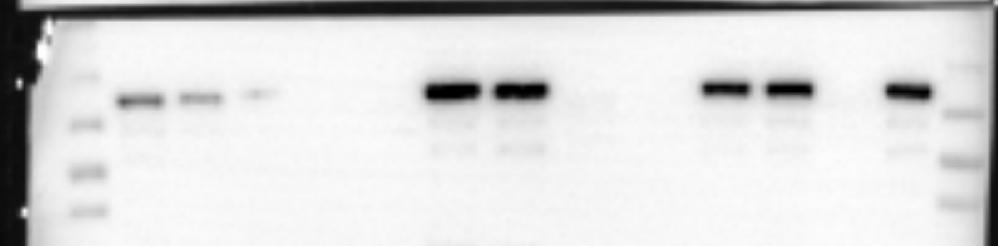
³ School of Medical & Health Sciences, Edith Cowan University, Joondalup, Australia



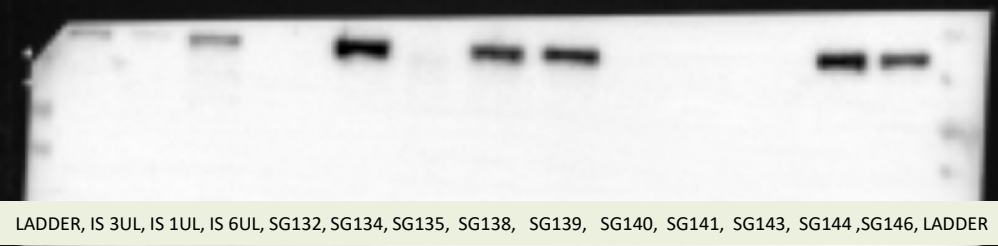
ACTN3 Blots



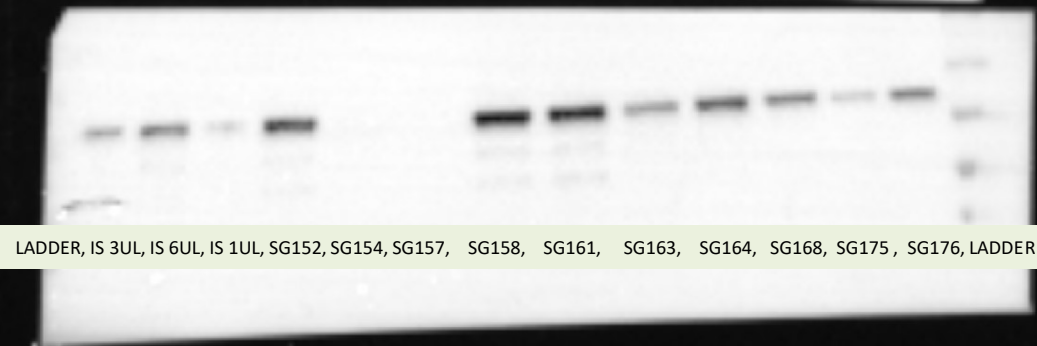
SG111, LADDER, IS 1UL, IS 3UL, IS 6UL, SG100, SG102, SG103, SG104, SG105, SG106,SG107,SG108, SG109, LADDER



LADDER, IS 6UL, IS 3UL, IS 1UL, SG115, SG117, SG118, SG121, SG123, SG124, SG126, SG128, SG129, SG131, LADDER

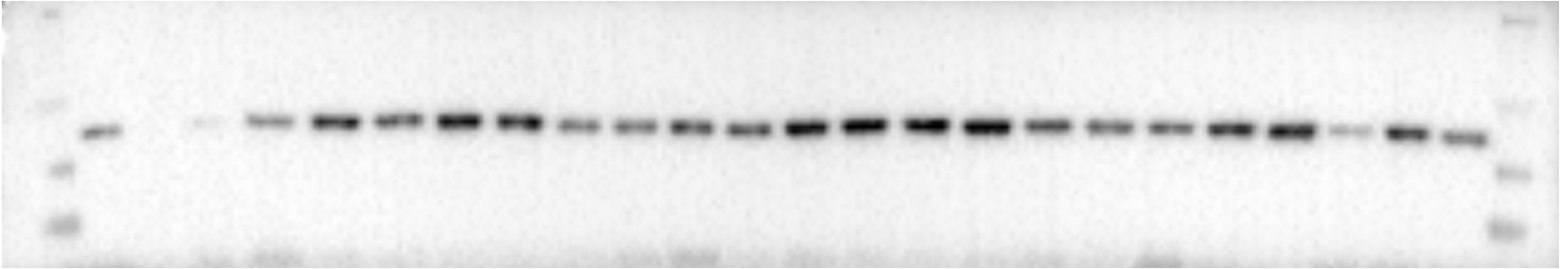


LADDER, IS 3UL, IS 1UL, IS 6UL, SG132, SG134, SG135, SG138, SG139, SG140, SG141, SG143, SG144, SG146, LADDER

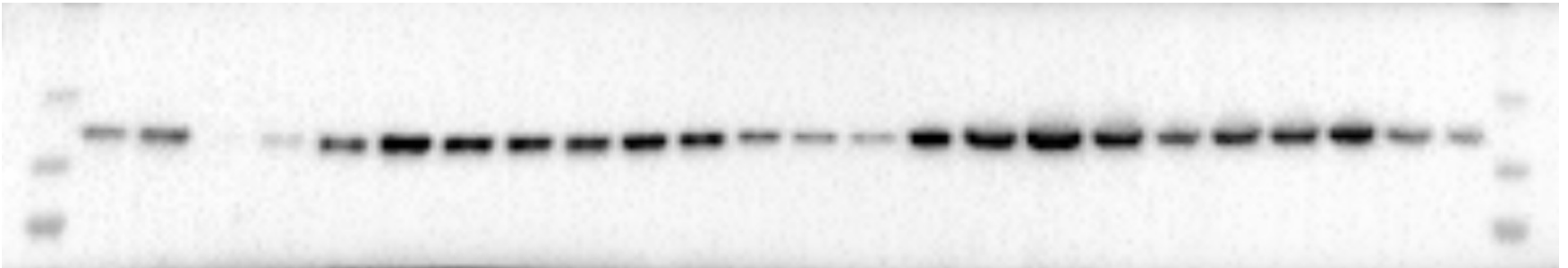


LADDER, IS 3UL, IS 6UL, IS 1UL, SG152, SG154, SG157, SG158, SG161, SG163, SG164, SG168, SG175, SG176, LADDER

ACTN2 BLOTS

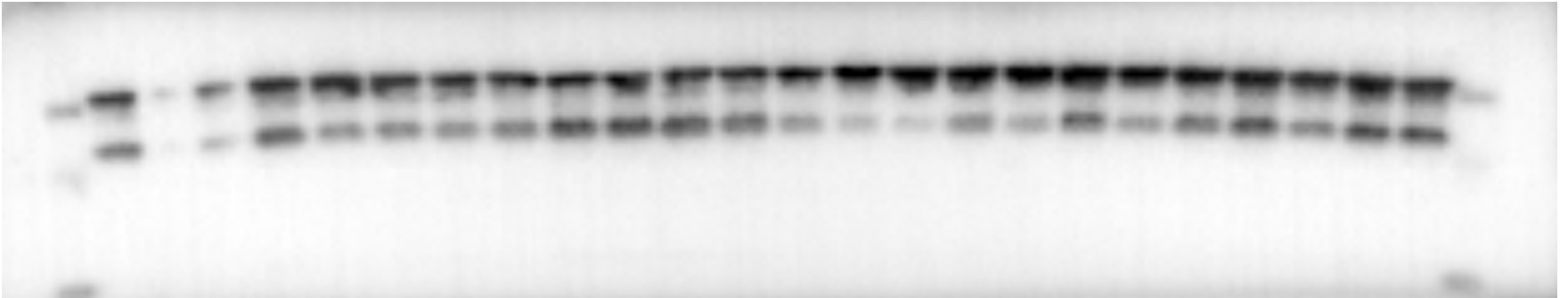


LADDER, IS 6ul, IS 1ul, IS 3ul, IS 9ul, SG100, SG102, SG103, SG104, SG105, SG106, SG107, SG108, SG109, SG111, SG115, SG117, SG118, SG121, SG123, SG124, SG126, SG128, SG129, SG131, LADDER

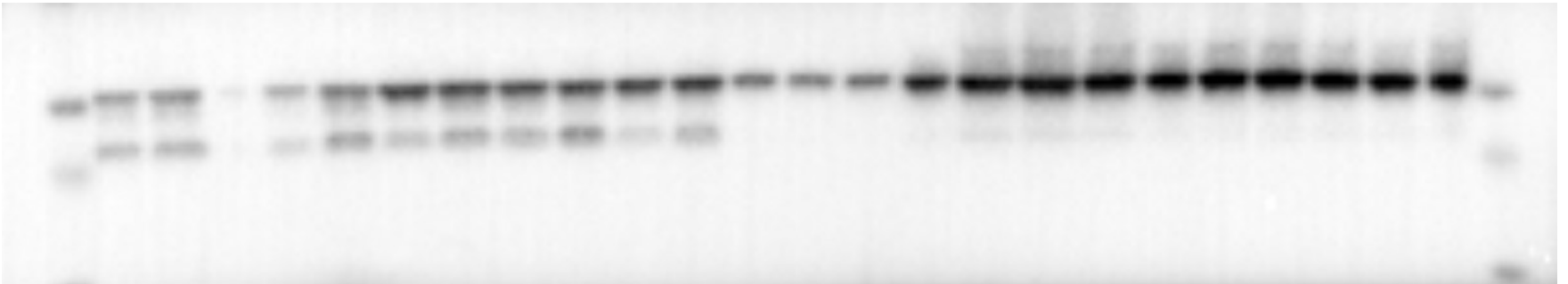


LADDER, IS 6ul, IS 9ul, IS 1ul, IS 3ul, SG132, SG134, SG135, SG138, SG139, SG140, SG141, SG143, SG144, SG146, SG152, SG154, SG157, SG158, SG161, SG163, SG164, SG168, SG175, SG176, LADDER

CALSARCIN-2 BLOTS



LADDER, IS 6ul, IS 1ul, IS 3ul, IS 9ul, SG100, SG102, SG103, SG104, SG105, SG106, SG107, SG108, SG109, SG111, SG115, SG117, SG118, SG121, SG123, SG124, SG126, SG128, SG129, SG131, LADDER



LADDER, IS 6ul, IS 9ul, IS 1ul, IS 3ul, SG132, SG134, SG135, SG138, SG139, SG140, SG141, SG143, SG144, SG146, SG152, SG154, SG157, SG158, SG161, SG163, SG164, SG168, SG175, SG176, LADDER