Supplemental Table 6. Molecular pathways and cellular functions associated with significantly altered phospho-proteins in <i>Obscn-<math>\Delta Ig58/59</math></i> atria at 6-months.		
8 1	Molecular Pathways	
Apelin Cardion	nvocvte Signaling Pathwav (1.82)	
ATP2A3	ATPase, Ca++ transporting, ubiquitous	
MYL7	Myosin, light polypeptide 7, regulatory	
SLC9A1	Solute carrier family 9 (sodium/hydrogen exchanger), member 1	
	Cellular Functions	
Organization o	f sarcomere (3.64)	
FHOD3	Formin homology 2 domain containing 3	
LDB3	LIM domain binding 3	
MYOZ2	Myozenin 2	
SYNPO2L	Synaptopodin 2-like	
TTN	Titin	
Disassembly of	filaments (3.39)	
ABCCI	ATP-binding cassette, sub-family C (CFTR/MRP), member 1	
MAP1B	Microtubule-associated protein 1B	
MAPT	Microtubule-associated protein tau	
SLC9A1	Solute carrier family 9 (sodium/hydrogen exchanger), member 1	
Organization o	f cells (2.97)	
FHOD3	Formin homology 2 domain containing 3	
LDB3	LIM domain binding 3	
MAPT	Microtubule-associated protein tau	
MYOZ2	Myozenin 2	
SYNPO2L	Synaptopodin 2-like	
TTN	Titin	
Depolvmerizati	ion of microtubules (2.77)	
ÂBCC1	ATP-binding cassette, sub-family C (CFTR/MRP), member 1	
MAP1B	Microtubule-associated protein 1B	
MAPT	Microtubule-associated protein tau	
Bundling of fild	aments (2.77)	
MAPIB	Microtubule-associated protein 1B	
MAPT	Microtubule-associated protein tau	
TTN	Titin	
Elongation of n	neurites (2.77)	
MAP1B	Microtubule-associated protein 1B	
MAPT	Microtubule-associated protein tau	
SLC9A1	Solute carrier family 9 (sodium/hydrogen exchanger), member 1	
Transport of io	n (2.72)	
ÂBCCĬ	ATP-binding cassette, sub-family C (CFTR/MRP), member 1	
ATP2A3	ATPase, Ca++ transporting, ubiquitous	
CLNSIA	Chloride channel, nucleotide-sensitive, 1A	
KCNJ3	Potassium inwardly-rectifying channel, subfamily J, member 3	
SGK3	Serum/glucocorticoid regulated kinase 3	
SI C941	Solute carrier family 9 (sodium/hydrogen exchanger), member 1	

Hypertrophy of co	urdiac muscle (2.04)	
FHOD3	Formin homology 2 domain containing 3	
MYOZ2	Myozenin 2	
SLC9A1	Solute carrier family 9 (sodium/hydrogen exchanger), member 1	
TTN	Titin	
Quantity of filaments (2.03)		
MAP1B	Microtubule-associated protein 1B	
MAPT	Microtubule-associated protein tau	
SLC9A1	Solute carrier family 9 (sodium/hydrogen exchanger), member 1	
TTN	Titin	
Fibrogenesis (2.02)		
FHOD3	Formin homology 2 domain containing 3	
LDB3	LIM domain binding 3	
MAP1B	Microtubule-associated protein 1B	
MAPT	Microtubule-associated protein tau	
MYOZ2	Myozenin 2	
SLC9A1	Solute carrier family 9 (sodium/hydrogen exchanger), member 1	
SYNPO2L	Synaptopodin 2-like	
TTN	Titin	
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Significantly altered phospho-proteins and their corresponding gene symbols are listed under the molecular pathway and cellular functions they are associated with. The p-value for each molecular pathway and cellular function is represented as  $-Log_{10}$ (p-value).