

**SUPPLEMENTARY MATERIAL**

**corresponding to:**

**Identification and functional analysis of novel genes  
expressed in the Anterior Visceral Endoderm**

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**Supp. Table 1:** DAVID analysis of Ad upregulated population regarding Biological Processes ( $p \leq 0.1$ )

Sublist	Category	Term	RT	Genes	Count	%	P-Value	Benjamini
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">pattern specification process</a>	RT		15	9,0	6,1E-8	7,3E-5
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">embryonic development</a>	RT		22	13,2	6,9E-8	4,2E-5
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">regionalization</a>	RT		12	7,2	1,2E-6	4,6E-4
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">tube development</a>	RT		13	7,8	1,3E-6	4,0E-4
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">brain development</a>	RT		13	7,8	3,3E-6	8,0E-4
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">anterior/posterior pattern formation</a>	RT		10	6,0	3,8E-6	7,6E-4
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">embryonic morphogenesis</a>	RT		14	8,4	5,9E-6	1,0E-3
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">negative regulation of cellular process</a>	RT		26	15,6	6,5E-6	9,7E-4
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">nervous system development</a>	RT		21	12,6	1,3E-5	1,8E-3
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">negative regulation of biological process</a>	RT		27	16,2	1,4E-5	1,6E-3
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">multicellular organismal development</a>	RT		40	24,0	1,7E-5	1,8E-3
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">anatomical structure morphogenesis</a>	RT		24	14,4	2,1E-5	2,1E-3
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">central nervous system development</a>	RT		13	7,8	4,0E-5	3,7E-3
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">developmental process</a>	RT		41	24,6	5,1E-5	4,3E-3
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">anatomical structure development</a>	RT		35	21,0	5,7E-5	4,6E-3
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">respiratory system development</a>	RT		8	4,8	6,2E-5	4,6E-3
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">organ morphogenesis</a>	RT		16	9,6	7,8E-5	5,5E-3
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">Wnt receptor signaling pathway</a>	RT		8	4,8	8,3E-5	5,5E-3
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">organ development</a>	RT		29	17,4	9,4E-5	5,9E-3
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">regulation of transcription from RNA polymerase II promoter</a>	RT		16	9,6	1,2E-4	7,0E-3
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">positive regulation of gene expression</a>	RT		14	8,4	1,4E-4	8,2E-3
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">anatomical structure formation involved in morphogenesis</a>	RT		12	7,2	1,7E-4	9,0E-3
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">lung development</a>	RT		7	4,2	2,7E-4	1,4E-2
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">respiratory tube development</a>	RT		7	4,2	2,9E-4	1,5E-2
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">regulation of cell proliferation</a>	RT		14	8,4	3,7E-4	1,8E-2
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">forebrain development</a>	RT		8	4,8	3,9E-4	1,8E-2
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">positive regulation of transcription</a>	RT		13	7,8	4,2E-4	1,9E-2
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">system development</a>	RT		31	18,6	5,0E-4	2,1E-2
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">morphogenesis of a branching structure</a>	RT		7	4,2	5,0E-4	2,1E-2
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">positive regulation of transcription, DNA-dependent</a>	RT		12	7,2	5,1E-4	2,0E-2
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">positive regulation of macromolecule metabolic process</a>	RT		15	9,0	5,3E-4	2,0E-2
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">positive regulation of RNA metabolic process</a>	RT		12	7,2	5,4E-4	2,0E-2
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">chordate embryonic development</a>	RT		12	7,2	5,6E-4	2,0E-2
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">transforming growth factor beta receptor signaling pathway</a>	RT		5	3,0	5,8E-4	2,0E-2
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">positive regulation of transcription from RNA polymerase II promoter</a>	RT		11	6,6	6,0E-4	2,0E-2
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">embryonic development ending in birth or egg hatching</a>	RT		12	7,2	6,1E-4	2,0E-2
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">regulation of RNA metabolic process</a>	RT		25	15,0	6,3E-4	2,0E-2
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">embryonic organ development</a>	RT		9	5,4	7,1E-4	2,2E-2
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">positive regulation of nucleobase, nucleoside, nucleotide and nucleic acid metabolic process</a>	RT		13	7,8	7,9E-4	2,4E-2
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">branching morphogenesis of a tube</a>	RT		6	3,6	9,0E-4	2,7E-2
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">positive regulation of nitrogen compound metabolic process</a>	RT		13	7,8	1,0E-3	3,0E-2
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">positive regulation of macromolecule biosynthetic process</a>	RT		13	7,8	1,1E-3	3,1E-2
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">regulation of transcription</a>	RT		32	19,2	1,1E-3	3,1E-2
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">positive regulation of metabolic process</a>	RT		15	9,0	1,1E-3	3,0E-2
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">regulation of gene expression</a>	RT		34	20,4	1,1E-3	2,9E-2
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">regulation of transcription, DNA-dependent</a>	RT		24	14,4	1,2E-3	3,1E-2
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">regulation of nitrogen compound metabolic process</a>	RT		33	19,8	1,5E-3	3,9E-2
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">positive regulation of biological process</a>	RT		24	14,4	1,5E-3	3,8E-2
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">positive regulation of cellular biosynthetic process</a>	RT		13	7,8	1,6E-3	3,8E-2
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">enzyme linked receptor protein signaling pathway</a>	RT		9	5,4	1,6E-3	3,7E-2
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">regulation of macromolecule metabolic process</a>	RT		36	21,6	1,6E-3	3,7E-2
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">positive regulation of biosynthetic process</a>	RT		13	7,8	1,7E-3	3,8E-2
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">dorsal/ventral pattern formation</a>	RT		5	3,0	1,7E-3	3,8E-2
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">positive regulation of cellular process</a>	RT		22	13,2	1,7E-3	3,8E-2
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">tissue development</a>	RT		14	8,4	1,8E-3	3,8E-2
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">positive regulation of cellular metabolic process</a>	RT		14	8,4	1,9E-3	4,1E-2
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">tube morphogenesis</a>	RT		7	4,2	2,5E-3	5,2E-2
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">regulation of nucleobase, nucleoside, nucleotide and nucleic acid metabolic process</a>	RT		32	19,2	2,7E-3	5,5E-2
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">regulation of primary metabolic process</a>	RT		35	21,0	2,9E-3	5,7E-2
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">regulation of cellular biosynthetic process</a>	RT		33	19,8	2,9E-3	5,7E-2

<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">gastrulation</a>	RT	5	3,0	2,9E-3	5,6E-2
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">regulation of cellular metabolic process</a>	RT	36	21,6	3,0E-3	5,7E-2
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">tissue morphogenesis</a>	RT	8	4,8	3,0E-3	5,6E-2
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">regulation of biosynthetic process</a>	RT	33	19,8	3,1E-3	5,7E-2
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">regulation of macromolecule biosynthetic process</a>	RT	32	19,2	3,3E-3	5,9E-2
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">transmembrane receptor protein serine/threonine kinase signaling pathway</a>	RT	5	3,0	3,5E-3	6,3E-2
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">regulation of metabolic process</a>	RT	37	22,2	4,1E-3	7,0E-2
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">neural tube development</a>	RT	5	3,0	4,4E-3	7,5E-2
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">ureteric bud development</a>	RT	4	2,4	4,6E-3	7,7E-2
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">transcription</a>	RT	25	15,0	6,5E-3	1,1E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">embryonic heart tube development</a>	RT	3	1,8	7,1E-3	1,1E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">anterior/posterior axis specification</a>	RT	3	1,8	8,0E-3	1,3E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">lung morphogenesis</a>	RT	3	1,8	8,0E-3	1,3E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">heart development</a>	RT	7	4,2	9,1E-3	1,4E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">negative regulation of cell proliferation</a>	RT	7	4,2	9,3E-3	1,4E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">embryonic organ morphogenesis</a>	RT	6	3,6	9,5E-3	1,4E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">ear development</a>	RT	5	3,0	9,7E-3	1,4E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">negative regulation of transcription from RNA polymerase II promoter</a>	RT	7	4,2	1,1E-2	1,5E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">metanephros development</a>	RT	4	2,4	1,1E-2	1,6E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">cell fate specification</a>	RT	4	2,4	1,2E-2	1,6E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">negative regulation of signal transduction</a>	RT	6	3,6	1,2E-2	1,7E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">negative regulation of nitrogen compound metabolic process</a>	RT	9	5,4	1,5E-2	2,0E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">neural tube patterning</a>	RT	3	1,8	1,6E-2	2,1E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">patterning of blood vessels</a>	RT	3	1,8	1,6E-2	2,1E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">regulation of developmental process</a>	RT	11	6,6	1,6E-2	2,1E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">hindbrain development</a>	RT	4	2,4	1,7E-2	2,1E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">negative regulation of cellular metabolic process</a>	RT	10	6,0	1,7E-2	2,1E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">negative regulation of cell communication</a>	RT	6	3,6	1,7E-2	2,1E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">cellular developmental process</a>	RT	22	13,2	1,9E-2	2,4E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">axis specification</a>	RT	3	1,8	2,0E-2	2,4E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">nucleosome assembly</a>	RT	4	2,4	2,1E-2	2,5E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">epithelium development</a>	RT	7	4,2	2,2E-2	2,6E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">ectoderm development</a>	RT	5	3,0	2,2E-2	2,6E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">angiogenesis</a>	RT	5	3,0	2,2E-2	2,6E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">negative regulation of cellular biosynthetic process</a>	RT	9	5,4	2,2E-2	2,6E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">chromatin assembly</a>	RT	4	2,4	2,2E-2	2,5E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">endoderm development</a>	RT	3	1,8	2,2E-2	2,5E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">nucleosome organization</a>	RT	4	2,4	2,3E-2	2,6E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">protein-DNA complex assembly</a>	RT	4	2,4	2,3E-2	2,6E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">negative regulation of biosynthetic process</a>	RT	9	5,4	2,3E-2	2,6E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">ectoderm formation</a>	RT	2	1,2	2,4E-2	2,6E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">cell differentiation</a>	RT	21	12,6	2,4E-2	2,6E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">negative regulation of metabolic process</a>	RT	10	6,0	2,8E-2	2,9E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">neurogenesis</a>	RT	10	6,0	2,9E-2	2,9E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">urogenital system development</a>	RT	5	3,0	3,0E-2	3,0E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">negative regulation of transcription</a>	RT	8	4,8	3,0E-2	3,0E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">digestive system development</a>	RT	3	1,8	3,0E-2	3,0E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">cell fate commitment</a>	RT	5	3,0	3,1E-2	3,0E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">inner ear development</a>	RT	4	2,4	3,4E-2	3,2E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">negative regulation of transcription, DNA-dependent</a>	RT	7	4,2	3,8E-2	3,5E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">regulation of cell migration</a>	RT	4	2,4	3,8E-2	3,5E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">negative regulation of RNA metabolic process</a>	RT	7	4,2	3,9E-2	3,5E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">regulation of Wnt receptor signaling pathway</a>	RT	3	1,8	3,9E-2	3,5E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">negative regulation of nucleobase, nucleoside, nucleotide and nucleic acid metabolic process</a>	RT	8	4,8	4,1E-2	3,6E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">cellular biosynthetic process</a>	RT	33	19,8	4,3E-2	3,8E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">cell migration</a>	RT	6	3,6	4,4E-2	3,8E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">regulation of biological process</a>	RT	63	37,7	4,4E-2	3,8E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">generation of neurons</a>	RT	9	5,4	4,6E-2	3,9E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">determination of left/right symmetry</a>	RT	3	1,8	4,6E-2	3,9E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">blood vessel development</a>	RT	6	3,6	4,7E-2	3,9E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">negative regulation of gene expression</a>	RT	8	4,8	4,7E-2	3,9E-1

<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">DNA packaging</a>	RT	4	2,4	4,8E-2	3,9E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">determination of bilateral symmetry</a>	RT	3	1,8	4,8E-2	3,9E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">determination of symmetry</a>	RT	3	1,8	4,8E-2	3,9E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">odontogenesis</a>	RT	3	1,8	5,0E-2	4,0E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">ameboidal cell migration</a>	RT	3	1,8	5,0E-2	4,0E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">morphogenesis of an epithelium</a>	RT	5	3,0	5,0E-2	4,0E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">negative regulation of macromolecule metabolic process</a>	RT	9	5,4	5,1E-2	4,0E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">vasculature development</a>	RT	6	3,6	5,1E-2	4,0E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">negative regulation of macromolecule biosynthetic process</a>	RT	8	4,8	5,1E-2	4,0E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">regulation of cellular process</a>	RT	60	35,9	5,2E-2	4,0E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">kidney development</a>	RT	4	2,4	5,5E-2	4,2E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">regulation of cell motion</a>	RT	4	2,4	5,5E-2	4,2E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">sensory organ development</a>	RT	6	3,6	5,6E-2	4,2E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">cell development</a>	RT	10	6,0	5,7E-2	4,2E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">chromatin assembly or disassembly</a>	RT	4	2,4	5,7E-2	4,2E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">multicellular organismal process</a>	RT	44	26,3	5,8E-2	4,2E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">regulation of locomotion</a>	RT	4	2,4	5,8E-2	4,2E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">epithelial tube morphogenesis</a>	RT	4	2,4	6,0E-2	4,3E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">biosynthetic process</a>	RT	33	19,8	6,2E-2	4,4E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">forebrain morphogenesis</a>	RT	2	1,2	6,2E-2	4,4E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">biological regulation</a>	RT	65	38,9	6,2E-2	4,4E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">in utero embryonic development</a>	RT	6	3,6	6,4E-2	4,4E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">humoral immune response</a>	RT	3	1,8	7,0E-2	4,7E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">growth</a>	RT	5	3,0	7,0E-2	4,7E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">cell migration involved in gastrulation</a>	RT	2	1,2	7,0E-2	4,7E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">gland development</a>	RT	5	3,0	7,4E-2	4,8E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">blood vessel morphogenesis</a>	RT	5	3,0	7,5E-2	4,9E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">regulation of inflammatory response</a>	RT	3	1,8	7,6E-2	4,9E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">positive regulation of cell proliferation</a>	RT	6	3,6	7,8E-2	5,0E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">localization of cell</a>	RT	6	3,6	7,8E-2	5,0E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">cell motility</a>	RT	6	3,6	7,8E-2	5,0E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">gene expression</a>	RT	28	16,8	7,8E-2	4,9E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">regulation of signal transduction</a>	RT	10	6,0	8,4E-2	5,1E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">regulation of cell differentiation</a>	RT	7	4,2	9,0E-2	5,4E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">cellular macromolecule biosynthetic process</a>	RT	26	15,6	9,6E-2	5,6E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">protein maturation by peptide bond cleavage</a>	RT	3	1,8	9,6E-2	5,6E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">negative regulation of response to stimulus</a>	RT	3	1,8	9,6E-2	5,6E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">macromolecule biosynthetic process</a>	RT	26	15,6	9,8E-2	5,7E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">cell proliferation in forebrain</a>	RT	2	1,2	9,9E-2	5,7E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">forebrain regionalization</a>	RT	2	1,2	9,9E-2	5,7E-1

77 gene(s)

from your list are not in the output.

**Supp. Table 2: DAVID analysis of Ad upregulated population regarding Cellular Component (p ≤ 0.1)**

Sublist	Category	Term	RT	Genes	Count	%	P-Value	Benjamini
<input type="checkbox"/>	GOTERM_CC_ALL	<a href="#">anchored to membrane</a>	RT		7	4,2	6,9E-3	7,0E-1
<input type="checkbox"/>	GOTERM_CC_ALL	<a href="#">transcription factor complex</a>	RT		7	4,2	1,2E-2	6,5E-1
<input type="checkbox"/>	GOTERM_CC_ALL	<a href="#">nucleus</a>	RT		48	28,7	1,3E-2	5,4E-1
<input type="checkbox"/>	GOTERM_CC_ALL	<a href="#">nucleosome</a>	RT		4	2,4	1,4E-2	4,6E-1
<input type="checkbox"/>	GOTERM_CC_ALL	<a href="#">protein-DNA complex</a>	RT		4	2,4	2,3E-2	5,5E-1
<input type="checkbox"/>	GOTERM_CC_ALL	<a href="#">laminin-10 complex</a>	RT		2	1,2	2,4E-2	5,0E-1
<input type="checkbox"/>	GOTERM_CC_ALL	<a href="#">intracellular organelle</a>	RT		79	47,3	2,7E-2	4,8E-1
<input type="checkbox"/>	GOTERM_CC_ALL	<a href="#">organelle</a>	RT		79	47,3	2,7E-2	4,4E-1
<input type="checkbox"/>	GOTERM_CC_ALL	<a href="#">laminin complex</a>	RT		2	1,2	5,6E-2	6,6E-1
<input type="checkbox"/>	GOTERM_CC_ALL	<a href="#">nucleoplasm part</a>	RT		9	5,4	5,8E-2	6,4E-1
<input type="checkbox"/>	GOTERM_CC_ALL	<a href="#">external side of plasma membrane</a>	RT		5	3,0	8,8E-2	7,6E-1
<input type="checkbox"/>	GOTERM_CC_ALL	<a href="#">intracellular part</a>	RT		87	52,1	8,9E-2	7,4E-1
<input type="checkbox"/>	GOTERM_CC_ALL	<a href="#">intracellular membrane-bounded organelle</a>	RT		68	40,7	9,3E-2	7,2E-1
<input type="checkbox"/>	GOTERM_CC_ALL	<a href="#">membrane-bounded organelle</a>	RT		68	40,7	9,4E-2	7,0E-1

72 gene(s)

from your list are not in the output.

**Supp. Table 3:** DAVID analysis of Ad upregulated population regarding Molecular Function ( $p \leq 0.1$ )

Sublist	Category	Term	RT	Genes	Count	%	P-Value	Benjamini
<input type="checkbox"/>	GOTERM_MF_ALL	<a href="#">DNA binding</a>	<a href="#">RT</a>		32	19,2	1,6E-5	4,4E-3
<input type="checkbox"/>	GOTERM_MF_ALL	<a href="#">binding</a>	<a href="#">RT</a>		108	64,7	2,1E-4	2,9E-2
<input type="checkbox"/>	GOTERM_MF_ALL	<a href="#">transcription factor activity</a>	<a href="#">RT</a>		16	9,6	1,2E-3	1,0E-1
<input type="checkbox"/>	GOTERM_MF_ALL	<a href="#">protein binding</a>	<a href="#">RT</a>		64	38,3	1,4E-3	9,3E-2
<input type="checkbox"/>	GOTERM_MF_ALL	<a href="#">sequence-specific DNA binding</a>	<a href="#">RT</a>		13	7,8	1,5E-3	8,1E-2
<input type="checkbox"/>	GOTERM_MF_ALL	<a href="#">transcription regulator activity</a>	<a href="#">RT</a>		20	12,0	2,9E-3	1,3E-1
<input type="checkbox"/>	GOTERM_MF_ALL	<a href="#">nucleic acid binding</a>	<a href="#">RT</a>		35	21,0	1,2E-2	3,8E-1
<input type="checkbox"/>	GOTERM_MF_ALL	<a href="#">transcription repressor activity</a>	<a href="#">RT</a>		6	3,6	2,6E-2	6,0E-1
<input type="checkbox"/>	GOTERM_MF_ALL	<a href="#">kinase activity</a>	<a href="#">RT</a>		12	7,2	6,1E-2	8,5E-1
<input type="checkbox"/>	GOTERM_MF_ALL	<a href="#">protein domain specific binding</a>	<a href="#">RT</a>		5	3,0	6,6E-2	8,5E-1
<input type="checkbox"/>	GOTERM_MF_ALL	<a href="#">protein kinase activity</a>	<a href="#">RT</a>		9	5,4	9,2E-2	9,1E-1

59 gene(s)

from your list are not in the output.

**Supp. Table 4: DAVID analysis of Pp upregulated population regarding Biological Processes ( $p \leq 0.1$ )**

Sublist	Category	Term	RT	Genes	Count	%	P-Value	Benjamini
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">regulation of cell differentiation</a>	RT		8	24,2	1,7E-6	9,5E-4
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">regulation of multicellular organismal process</a>	RT		9	27,3	1,8E-5	5,0E-3
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">regulation of developmental process</a>	RT		8	24,2	2,2E-5	4,0E-3
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">anatomical structure development</a>	RT		12	36,4	2,3E-4	3,1E-2
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">system development</a>	RT		11	33,3	6,6E-4	6,9E-2
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">multicellular organismal development</a>	RT		12	36,4	8,8E-4	7,8E-2
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">anatomical structure morphogenesis</a>	RT		8	24,2	1,4E-3	1,1E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">developmental process</a>	RT		12	36,4	1,8E-3	1,2E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">embryonic morphogenesis</a>	RT		5	15,2	2,4E-3	1,4E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">negative regulation of cell differentiation</a>	RT		4	12,1	3,0E-3	1,5E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">regulation of anatomical structure morphogenesis</a>	RT		4	12,1	3,3E-3	1,5E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">organ development</a>	RT		9	27,3	3,3E-3	1,4E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">regulation of cell projection size</a>	RT		2	6,1	4,8E-3	1,9E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">regulation of axon diameter</a>	RT		2	6,1	4,8E-3	1,9E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">heart development</a>	RT		4	12,1	5,3E-3	1,9E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">negative regulation of developmental process</a>	RT		4	12,1	5,5E-3	1,8E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">tissue morphogenesis</a>	RT		4	12,1	6,4E-3	2,0E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">intermediate filament bundle assembly</a>	RT		2	6,1	6,5E-3	1,9E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">regulation of transcription, DNA-dependent</a>	RT		8	24,2	6,8E-3	1,9E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">regulation of RNA metabolic process</a>	RT		8	24,2	7,4E-3	1,9E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">positive regulation of biological process</a>	RT		8	24,2	7,5E-3	1,9E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">pattern specification process</a>	RT		4	12,1	1,0E-2	2,4E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">development of primary sexual characteristics</a>	RT		3	9,1	1,2E-2	2,6E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">neurofilament cytoskeleton organization</a>	RT		2	6,1	1,4E-2	2,9E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">negative regulation of muscle cell differentiation</a>	RT		2	6,1	1,6E-2	3,1E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">positive regulation of cellular process</a>	RT		7	21,2	1,6E-2	3,0E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">tissue development</a>	RT		5	15,2	1,8E-2	3,2E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">cellular process</a>	RT		21	63,6	1,8E-2	3,1E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">sex differentiation</a>	RT		3	9,1	1,9E-2	3,1E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">transcription</a>	RT		8	24,2	1,9E-2	3,0E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">regulation of transcription</a>	RT		9	27,3	1,9E-2	3,0E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">intermediate filament organization</a>	RT		2	6,1	2,1E-2	3,1E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">embryonic development</a>	RT		5	15,2	2,1E-2	3,1E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">multicellular organismal process</a>	RT		13	39,4	2,4E-2	3,3E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">regulation of nucleobase, nucleoside, nucleotide and nucleic acid metabolic process</a>	RT		9	27,3	2,6E-2	3,5E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">regulation of cell development</a>	RT		3	9,1	2,7E-2	3,5E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">regulation of nitrogen compound metabolic process</a>	RT		9	27,3	2,8E-2	3,5E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">regulation of macromolecule biosynthetic process</a>	RT		9	27,3	2,8E-2	3,5E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">regulation of gene expression</a>	RT		9	27,3	3,1E-2	3,7E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">response to stimulus</a>	RT		9	27,3	3,2E-2	3,7E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">regulation of cellular biosynthetic process</a>	RT		9	27,3	3,4E-2	3,8E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">cell differentiation</a>	RT		7	21,2	3,5E-2	3,8E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">regulation of biosynthetic process</a>	RT		9	27,3	3,5E-2	3,7E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">intermediate filament cytoskeleton organization</a>	RT		2	6,1	3,5E-2	3,7E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">cellular biosynthetic process</a>	RT		10	30,3	3,6E-2	3,7E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">negative regulation of cellular process</a>	RT		6	18,2	3,9E-2	3,8E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">intermediate filament-based process</a>	RT		2	6,1	4,0E-2	3,8E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">positive regulation of transcription</a>	RT		4	12,1	4,0E-2	3,8E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">cellular developmental process</a>	RT		7	21,2	4,1E-2	3,8E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">positive regulation of gene expression</a>	RT		4	12,1	4,3E-2	3,9E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">regulation of muscle cell differentiation</a>	RT		2	6,1	4,3E-2	3,8E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">biosynthetic process</a>	RT		10	30,3	4,3E-2	3,8E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">regulation of cell cycle</a>	RT		3	9,1	4,6E-2	3,9E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">positive regulation of developmental process</a>	RT		3	9,1	4,6E-2	3,9E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">response to organic substance</a>	RT		4	12,1	4,7E-2	3,9E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">positive regulation of nucleobase, nucleoside, nucleotide and nucleic acid metabolic process</a>	RT		4	12,1	4,8E-2	3,9E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">positive regulation of nitrogen compound metabolic process</a>	RT		4	12,1	5,1E-2	4,1E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">response to chemical stimulus</a>	RT		5	15,2	5,2E-2	4,1E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">regulation of primary metabolic process</a>	RT		9	27,3	5,2E-2	4,0E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">positive regulation of macromolecule biosynthetic process</a>	RT		4	12,1	5,2E-2	4,0E-1

<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">positive regulation of cell cycle</a>	RT 	2	6,1	5,4E-2	4,0E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">regulation of macromolecule metabolic process</a>	RT 	9	27,3	5,4E-2	4,0E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">embryonic pattern specification</a>	RT 	2	6,1	5,5E-2	4,0E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">negative regulation of biological process</a>	RT 	6	18,2	5,7E-2	4,1E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">positive regulation of cellular biosynthetic process</a>	RT 	4	12,1	5,8E-2	4,1E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">positive regulation of biosynthetic process</a>	RT 	4	12,1	5,9E-2	4,1E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">mesoderm morphogenesis</a>	RT 	2	6,1	6,0E-2	4,1E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">regulation of axonogenesis</a>	RT 	2	6,1	6,1E-2	4,1E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">formation of primary germ layer</a>	RT 	2	6,1	6,3E-2	4,1E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">regulation of cellular metabolic process</a>	RT 	9	27,3	6,4E-2	4,2E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">reproductive developmental process</a>	RT 	3	9,1	6,7E-2	4,3E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">organ morphogenesis</a>	RT 	4	12,1	6,9E-2	4,3E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">enzyme linked receptor protein signaling pathway</a>	RT 	3	9,1	7,1E-2	4,4E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">regulation of neuron projection development</a>	RT 	2	6,1	7,3E-2	4,4E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">regulation of transcription from RNA polymerase II promoter</a>	RT 	4	12,1	7,5E-2	4,5E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">nucleobase, nucleoside, nucleotide and nucleic acid metabolic process</a>	RT 	9	27,3	7,6E-2	4,4E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">regulation of cell morphogenesis involved in differentiation</a>	RT 	2	6,1	7,8E-2	4,5E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">cellular macromolecule biosynthetic process</a>	RT 	8	24,2	7,9E-2	4,5E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">macromolecule biosynthetic process</a>	RT 	8	24,2	8,0E-2	4,5E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">positive regulation of macromolecule metabolic process</a>	RT 	4	12,1	8,0E-2	4,5E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">positive regulation of cellular metabolic process</a>	RT 	4	12,1	8,4E-2	4,6E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">regulation of metabolic process</a>	RT 	9	27,3	8,4E-2	4,5E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">negative regulation of transcription, DNA-dependent</a>	RT 	3	9,1	8,8E-2	4,6E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">development of primary female sexual characteristics</a>	RT 	2	6,1	8,8E-2	4,6E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">regulation of cell projection organization</a>	RT 	2	6,1	8,8E-2	4,6E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">negative regulation of RNA metabolic process</a>	RT 	3	9,1	8,9E-2	4,6E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">mesoderm development</a>	RT 	2	6,1	9,1E-2	4,7E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">positive regulation of metabolic process</a>	RT 	4	12,1	9,6E-2	4,8E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">cytoskeleton organization</a>	RT 	3	9,1	9,7E-2	4,8E-1
<input type="checkbox"/>	GOTERM_BP_ALL	<a href="#">female sex differentiation</a>	RT 	2	6,1	9,9E-2	4,8E-1

10 gene(s)

from your list are not in the output.

**Supp. Table 5:** DAVID analysis of Pp upregulated population regarding Cellular Component ( $p \leq 0.1$ )

Sublist	Category	Term	RT	Genes	Count	%	P-Value	Benjamini
<input type="checkbox"/>	GOTERM_CC_ALL	<a href="#">neurofilament</a>	<a href="#">RT</a>		2	6,1	7,5E-3	4,5E-1
<input type="checkbox"/>	GOTERM_CC_ALL	<a href="#">neurofilament cytoskeleton</a>	<a href="#">RT</a>		2	6,1	1,2E-2	3,8E-1
<input type="checkbox"/>	GOTERM_CC_ALL	<a href="#">intracellular organelle</a>	<a href="#">RT</a>		19	57,6	1,7E-2	3,6E-1
<input type="checkbox"/>	GOTERM_CC_ALL	<a href="#">organelle</a>	<a href="#">RT</a>		19	57,6	1,7E-2	2,9E-1
<input type="checkbox"/>	GOTERM_CC_ALL	<a href="#">intracellular</a>	<a href="#">RT</a>		21	63,6	2,9E-2	3,7E-1
<input type="checkbox"/>	GOTERM_CC_ALL	<a href="#">intracellular part</a>	<a href="#">RT</a>		20	60,6	4,5E-2	4,5E-1
<input type="checkbox"/>	GOTERM_CC_ALL	<a href="#">intracellular membrane-bounded organelle</a>	<a href="#">RT</a>		16	48,5	7,5E-2	5,8E-1
<input type="checkbox"/>	GOTERM_CC_ALL	<a href="#">membrane-bounded organelle</a>	<a href="#">RT</a>		16	48,5	7,5E-2	5,4E-1
<input type="checkbox"/>	GOTERM_CC_ALL	<a href="#">nucleus</a>	<a href="#">RT</a>		11	33,3	9,0E-2	5,6E-1

12 gene(s)

from your list are not in the output.

## Supp. Table 6: DAVID analysis of Pp upregulated population regarding Molecular Function ( $p \leq 0.1$ )

Sublist	Category	Term	RT	Genes	Count	%	P-Value	Benjamini
<input type="checkbox"/>	GOTERM_MF_ALL	<a href="#">transcription regulator activity</a>	<a href="#">RT</a>		9	27,3	4,5E-4	5,0E-2
<input type="checkbox"/>	GOTERM_MF_ALL	<a href="#">transcription factor activity</a>	<a href="#">RT</a>		7	21,2	1,2E-3	6,9E-2
<input type="checkbox"/>	GOTERM_MF_ALL	<a href="#">DNA binding</a>	<a href="#">RT</a>		9	27,3	5,6E-3	1,9E-1
<input type="checkbox"/>	GOTERM_MF_ALL	<a href="#">sequence-specific DNA binding</a>	<a href="#">RT</a>		5	15,2	1,2E-2	2,8E-1
<input type="checkbox"/>	GOTERM_MF_ALL	<a href="#">nucleic acid binding</a>	<a href="#">RT</a>		9	27,3	8,9E-2	8,8E-1

23 gene(s)

from your list are not in the output.