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This document contain all the detailed tables for men only.

1 Tables

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- 1.2 Biomarkers differences for each specific medicine
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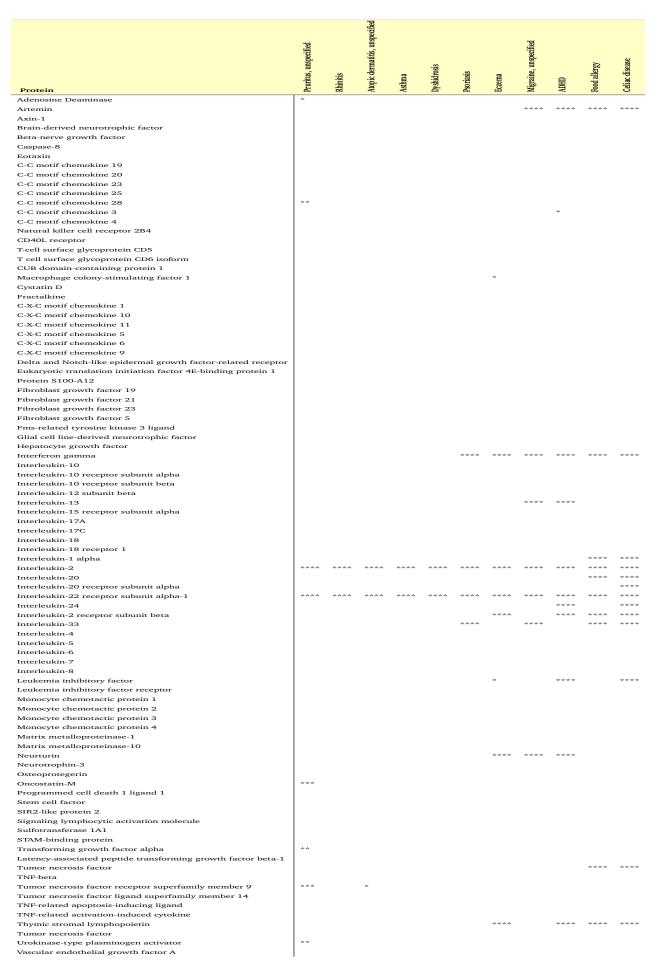


Table 1: Significant biomarkers for diseases and men, addjusted for Bonferroni

Protein Adamasina Dasminasa	No correction	Benjamini	Bonferroni	Avg Disease	Avg Healthy	Imag
Adenosine Deaminase Artemin	ste ste ste	ste ste	str.	4.97	5.17	NA NA
Artemin Axin-1				0.1 1.17	0.11 1.18	NA NA
Brain-derived neurotrophic factor				4.02	4.71	NA
Beta-nerve growth factor				1.97	1.93	NA
Caspase-8				1.4	1.42	NA
Eotaxin				7.85	7.92	NA
C-C motif chemokine 19				9.39	9.37	NA
C-C motif chemokine 20				6.11	6.03	NA
C-C motif chemokine 23 C-C motif chemokine 25				9.38	9.35	NA
C-C motif chemokine 28	sh sh sh sh	ale ale ale	sk sk	6.11 1.05	6.14 0.81	NA NA
C-C motif chemokine 3				2.26	2.21	NA
C-C motif chemokine 4				6.61	6.55	NA
Natural killer cell receptor 2B4				6.39	6.38	NA
CD40L receptor				9.23	9.29	NA
T-cell surface glycoprotein CD5				4.07	4.05	NA
T cell surface glycoprotein CD6 isoform				3.69	3.64	NA
CUB domain-containing protein 1	ste ste	ale .		2.44 7.92	2.42 7.86	NA NA
Macrophage colony-stimulating factor 1 Cystatin D		*		7.92 6.82	7.86 6.91	NA NA
Fractalkine				6.53	6.51	NA
C-X-C motif chemokine 1				8.8	8.72	NA
C-X-C motif chemokine 10				9.64	9.48	NA
C-X-C motif chemokine 11				7.19	7.11	NA
C-X-C motif chemokine 5	w w	w		12.35	12.12	NA
C-X-C motif chemokine 6				9.11	9.08	NA
C-X-C motif chemokine 9	Later			7.42	7.27	NA
Delta and Notch-like epidermal growth factor-related receptor Eukaryotic translation initiation factor 4E-binding protein 1	ste ste	~		7.28	7.36 5.96	NA NA
Eukaryotic translation initiation factor 4E-binding protein 1 Protein S100-A12	ı			5.7 5.27	5.96 5.12	NA NA
Fibroblast growth factor 19				7.83	7.88	NA
Fibroblast growth factor 21	**	*		3.53	3.1	NA
Fibroblast growth factor 23				2.7	2.68	NA
Fibroblast growth factor 5				1.42	1.44	NA
Fms-related tyrosine kinase 3 ligand				8.85	8.79	NA
Glial cell line-derived neurotrophic factor				2.15	2.18	NA
Hepatocyte growth factor	str str	w/r		7.92	7.78	NA
Interferon gamma Interleukin-10				1.01 4.11	1 4.1	NA NA
Interleukin-10 Interleukin-10 receptor subunit alpha				1.47	1.43	NA
Interleukin-10 receptor subunit aipila				7.58	7.6	NA
Interleukin-12 subunit beta				4.77	4.81	NA
Interleukin-13				1.69	1.67	NA
Interleukin-15 receptor subunit alpha				1.31	1.3	NA
Interleukin-17A				0.92	0.84	NA
Interleukin-17C	*			1.67	1.77	NA
Interleukin-18				7.07	7.04	NA
Interleukin-18 receptor 1	w			7.66	7.58	NA
Interleukin-1 alpha Interleukin-2	strate strate	ste ste ste ste	ste ste ste ste	1.85 1.22	1.75 1.22	NA NA
Interleukin-20				0.86	0.84	NA
Interleukin-20 receptor subunit alpha				1.02	0.95	NA
Interleukin-22 receptor subunit alpha-1	***	***	***	2.27	2.26	NA
Interleukin-24				1.4	1.4	NA
Interleukin-2 receptor subunit beta				0.89	0.88	NA
Interleukin-33				1.44	1.44	NA
Interleukin-4				1.22	1.38	NA
Interleukin-5				2.18	2.07	NA
Interleukin-6				2.93	2.85	NA
Interleukin-7 Interleukin-8	skr			5.26 7.46	5.28 7.57	NA NA
Leukemia inhibitory factor				0.91	0.89	NA
Leukemia inhibitory factor receptor				3.42	3.41	NA
Monocyte chemotactic protein 1				9.94	10	NA
Monocyte chemotactic protein 2				10.02	10.01	NA
Monocyte chemotactic protein 3				2.28	2.24	NA
Monocyte chemotactic protein 4	str			3.57	3.43	NA
Matrix metalloproteinase-1				7.01	6.85	NA
Matrix metalloproteinase-10				8.81	8.8	NA NA
Neurturin Neurotrophin-3	ste ste ste	w w		1.33 2.06	1.22 2.22	NA NA
Osteoprotegerin	ı			9.67	9.68	NA
Oncostatin-M	ste ste ste ste	***	ste ste ste	4.77	4.38	NA
Programmed cell death 1 ligand 1				4.98	5.06	NA
Stem cell factor				9.22	9.29	NA
SIR2-like protein 2				2.97	2.98	NA
Signaling lymphocytic activation molecule				3.11	3.19	NA
Sulfotransferase 1A1				2.01	2.01	NA
		ste ste ste	ste ste	2.67	2.72	NA
STAM-binding protein	sterate sterate	NY NY NY	**	3.86 8.06	3.56 8.09	NA NA
STAM-binding protein Transforming growth factor alpha	the the the the			0.00		NA NA
STAM-binding protein Transforming growth factor alpha Latency-associated peptide transforming growth factor beta-1	ste ste ste			0.93	0.95	1 47.7
STAM-binding protein Transforming growth factor alpha Latency-associated peptide transforming growth factor beta-1 Tumor necrosis factor	ste ste ste			0.93 4.03	0.95 3.99	NA
STAM-binding protein Transforming growth factor alpha Latency-associated peptide transforming growth factor beta-1 Tumor necrosis factor TNF-beta	ate ate ate ate	ste ste ste	ske ske ske	0.93 4.03 6.94	0.95 3.99 7.19	NA NA
STAM-binding protein Transforming growth factor alpha Latency-associated peptide transforming growth factor beta-1 Tumor necrosis factor TNF-beta Tumor necrosis factor receptor superfamily member 9		stersterste	放放放	4.03	3.99	
STAM-binding protein Fransforming growth factor alpha Latency-associated peptide transforming growth factor beta-1 Fumor necrosis factor FNF-beta Fumor necrosis factor receptor superfamily member 9 Fumor necrosis factor ligand superfamily member 14	***	stersterste	ste ste ste	4.03 6.94	3.99 7.19	NA
STAM-binding protein Transforming growth factor alpha Latency-associated peptide transforming growth factor beta-1 Tumor necrosis factor TNF-beta Tumor necrosis factor receptor superfamily member 9 Tumor necrosis factor ligand superfamily member 14 TNF-related apoptosis-inducing ligand	***	ste ste ste ste	ofer other other	4.03 6.94 4.73	3.99 7.19 4.6	NA NA
STAM-binding protein Transforming growth factor alpha Latency-associated peptide transforming growth factor beta-1 Tumor necrosis factor TNF-beta Tumor necrosis factor receptor superfamily member 9 Tumor necrosis factor ligand superfamily member 14 TNF-related apoptosis-inducing ligand TNF-related activation-induced cytokine Thymic stromal lymphopoietin	ste ste ste ste ste	*****	obs obs obs	4.03 6.94 4.73 8.31	3.99 7.19 4.6 8.38	NA NA NA
STAM-binding protein Transforming growth factor alpha Latency-associated peptide transforming growth factor beta-1 Tumor necrosis factor TNF-beta Tumor necrosis factor receptor superfamily member 9 Tumor necrosis factor ligand superfamily member 14 TNF-related apoptosis-inducing ligand TNF-related activation-induced cytokine	ste ste ste ste ste	****	***	4.03 6.94 4.73 8.31 5.79	3.99 7.19 4.6 8.38 5.99	NA NA NA

 Table 2: Men table for biomarkers significance, disease Pruritus, unspecified

Protein Advanceira Descriptora	No correction	Benjamini	Bonferroni	Avg Disease	Avg Healthy	Imag
Adenosine Deaminase Artemin	w			5.14 0.06	5.17 0.11	NA NA
Axin-1				1.17	1.18	NA
Brain-derived neurotrophic factor				5.06	4.71	NA
Beta-nerve growth factor				1.93	1.93	NA
Caspase-8				1.47	1.42	NA
Eotaxin				7.92	7.92	NA
C-C motif chemokine 19				9.4	9.37	NA
C-C motif chemokine 20				6.11	6.03	NA
C-C motif chemokine 23 C-C motif chemokine 25				9.38 6.25	9.35 6.14	NA NA
C-C motif chemokine 28				0.81	0.81	NA
C-C motif chemokine 3				2.26	2.21	NA
C-C motif chemokine 4				6.66	6.55	NA
Natural killer cell receptor 2B4				6.35	6.38	NA
CD40L receptor				9.27	9.29	NA
T-cell surface glycoprotein CD5				4.03	4.05	NA
T cell surface glycoprotein CD6 isoform				3.65	3.64	NA
CUB domain-containing protein 1 Macrophage colony-stimulating factor 1				2.46 7.87	2.42 7.86	NA NA
Cystatin D				6.83	6.91	NA
Fractalkine				6.56	6.51	NA
C-X-C motif chemokine 1				8.73	8.72	NA
C-X-C motif chemokine 10				9.56	9.48	NA
C-X-C motif chemokine 11				7.21	7.11	NA
C-X-C motif chemokine 5				12.18	12.12	NA
C-X-C motif chemokine 6				9.09	9.08	NA
C-X-C motif chemokine 9				7.49	7.27	NA
Delta and Notch-like epidermal growth factor-related receptor				7.33	7.36	NA
Eukaryotic translation initiation factor 4E-binding protein 1				5.86	5.96	NA
Protein S100-A12				5.26 7.89	5.12 7.88	NA NA
Fibroblast growth factor 19 Fibroblast growth factor 21				7.89 3.02	7.88 3.1	NA NA
Fibroblast growth factor 23				2.64	2.68	NA
Fibroblast growth factor 5				1.41	1.44	NA
Fms-related tyrosine kinase 3 ligand				8.8	8.79	NA
Glial cell line-derived neurotrophic factor				2.17	2.18	NA
Hepatocyte growth factor				7.81	7.78	NA
Interferon gamma				1.03	1	NA
Interleukin-10				4.3	4.1	NA
Interleukin-10 receptor subunit alpha				1.61	1.43	NA
Interleukin-10 receptor subunit beta				7.62	7.6	NA
Interleukin-12 subunit beta				4.83	4.81	NA
Interleukin-13 Interleukin-15 receptor subunit alpha				1.59 1.33	1.67 1.3	NA NA
Interleukin-13 receptor subunit aipna Interleukin-17A				0.88	0.84	NA
Interleukin-17A				1.73	1.77	NA
Interleukin-18				7.1	7.04	NA
Interleukin-18 receptor 1				7.63	7.58	NA
Interleukin-1 alpha				1.78	1.75	NA
Interleukin-2	* * * *	***	***	1.24	1.22	NA
Interleukin-20				0.86	0.84	NA
Interleukin-20 receptor subunit alpha				1.11	0.95	NA
Interleukin-22 receptor subunit alpha-1	***	ste ste ste ste	skr skr skr	2.26	2.26	NA
Interleukin-24				1.38	1.4	NA
Interleukin-2 receptor subunit beta				0.93	0.88	NA
Interleukin-33 Interleukin-4	w			1.47 1.72	1.44 1.38	NA NA
Interleukin-5				2.13	2.07	NA
Interleukin-6				2.8	2.85	NA
Interleukin-7				5.26	5.28	NA
Interleukin-8				7.62	7.57	NA
Leukemia inhibitory factor				0.89	0.89	NA
Leukemia inhibitory factor receptor				3.4	3.41	NA
Monocyte chemotactic protein 1				10.01	10	NA
Monocyte chemotactic protein 2	*			10.17	10.01	NA
Monocyte chemotactic protein 3				2.21	2.24	NA
Monocyte chemotactic protein 4				3.51	3.43	NA
Matrix metalloproteinase-1 Matrix metalloproteinase-10				6.87 8.82	6.85 8.8	NA NA
Matrix metalioproteinase-10 Neurturin				1.18	1.22	NA NA
Neurotrophin-3				2.17	2.22	NA
Osteoprotegerin				9.67	9.68	NA
Oncostatin-M				4.54	4.38	NA
Programmed cell death 1 ligand 1				5.1	5.06	NA
Stem cell factor				9.26	9.29	NA
SIR2-like protein 2				2.95	2.98	NA
Signaling lymphocytic activation molecule				3.14	3.19	NA
Sulfotransferase 1A1				2.02	2.01	NA
STAM-binding protein				2.71	2.72	NA
Transforming growth factor alpha				3.7 8.09	3.56 8.09	NA NA
Latency-associated peptide transforming growth factor beta-1 Tumor necrosis factor				8.09 0.87	8.09 0.95	NA NA
Tumor necrosis factor TNF-beta				3.99	3.99	NA NA
Tumor necrosis factor receptor superfamily member 9				7.13	7.19	NA
Tumor necrosis factor ligand superfamily member 14				4.65	4.6	NA
TNF-related apoptosis-inducing ligand				8.36	8.38	NA
TNF-related activation-induced cytokine				5.91	5.99	NA
Thymic stromal lymphopoietin				1.11	1.09	NA
Tumor necrosis factor				9	9.02	NA
	i					NA
Urokinase-type plasminogen activator				10.05	10.09	INA

 Table 3: Men table for biomarkers significance, disease Rhinitis

Protein	No correction	Benjamini *	Bonferroni	Avg Disease	Avg Healthy	Imag
Adenosine Deaminase Artemin	w w	ri .		4.99 0.1	5.17 0.11	NA NA
Axin-1				1.17	1.18	NA NA
Brain-derived neurotrophic factor				4.02	4.71	NA
Beta-nerve growth factor				2.01	1.93	NA
Caspase-8				1.43	1.42	NA
Eotaxin	w			7.8	7.92	NA
C-C motif chemokine 19				9.39	9.37	NA
C-C motif chemokine 20				5.93	6.03	NA
C-C motif chemokine 23				9.28	9.35	NA
C-C motif chemokine 25				6.06	6.14	NA
C-C motif chemokine 28	skr skr	w		1.02	0.81	NA
C-C motif chemokine 3				2.27	2.21	NA
C-C motif chemokine 4				6.58	6.55	NA
Natural killer cell receptor 2B4				6.34	6.38	NA
CD40L receptor	w			9.19	9.29	NA
T-cell surface glycoprotein CD5				4	4.05	NA
T cell surface glycoprotein CD6 isoform				3.65	3.64	NA
CUB domain-containing protein 1				2.45	2.42	NA
Macrophage colony-stimulating factor 1				7.88	7.86	NA
Cystatin D	w			6.78	6.91	NA
Fractalkine				6.44	6.51	NA
C-X-C motif chemokine 1				8.8	8.72	NA
C-X-C motif chemokine 10				9.64	9.48	NA
C-X-C motif chemokine 11				7.2	7.11	NA
C-X-C motif chemokine 5	**	w		12.4	12.12	NA
C-X-C motif chemokine 6				9.13	9.08	NA
C-X-C motif chemokine 9				7.32	7.27	NA
Delta and Notch-like epidermal growth factor-related receptor	w w			7.27	7.36	NA
Eukaryotic translation initiation factor 4E-binding protein 1				5.78	5.96	NA
Protein S100-A12				5.08	5.12	NA
Fibroblast growth factor 19				7.83	7.88	NA
Fibroblast growth factor 21				3.28	3.1	NA
Fibroblast growth factor 23				2.73	2.68	NA
Fibroblast growth factor 5				1.42	1.44	NA
Fms-related tyrosine kinase 3 ligand				8.81	8.79	NA
Glial cell line-derived neurotrophic factor				2.14	2.18	NA
Hepatocyte growth factor				7.8	7.78	NA
Interferon gamma				1.01	1	NA
Interleukin-10				4.12	4.1	NA
Interleukin-10 receptor subunit alpha				1.31	1.43	NA
Interleukin-10 receptor subunit beta	*			7.52	7.6	NA
Interleukin-12 subunit beta				4.88	4.81	NA
Interleukin-13				1.62	1.67	NA
Interleukin-15 receptor subunit alpha				1.3	1.3	NA
Interleukin-17A				0.82	0.84	NA
Interleukin-17C				1.74	1.77	NA
Interleukin-18				7.01	7.04	NA
Interleukin-18 receptor 1				7.59	7.58	NA
Interleukin-1 alpha				1.93	1.75	NA
Interleukin-2	***	***	***	1.22	1.22	NA
Interleukin-20	**	w		0.8	0.84	NA
Interleukin-20 receptor subunit alpha				0.96	0.95	NA
Interleukin-22 receptor subunit alpha-1	***	***	***	2.26	2.26	NA
Interleukin-24				1.41	1.4	NA
Interleukin-2 receptor subunit beta				0.96	0.88	NA
Interleukin-33				1.43	1.44	NA
Interleukin-4				1.39	1.38	NA
Interleukin-5				2.25	2.07	NA
Interleukin-6				2.92	2.85	NA
Interleukin-7				5.24	5.28	NA
Interleukin-8				7.53	7.57	NA
Leukemia inhibitory factor				0.92	0.89	NA
Leukemia inhibitory factor receptor				3.38	3.41	NA
Monocyte chemotactic protein 1				9.97	10	NA
Monocyte chemotactic protein 2				10.07	10.01	NA
Monocyte chemotactic protein 3				2.3	2.24	NA
Monocyte chemotactic protein 4	ww	*		3.68	3.43	NA
Matrix metalloproteinase-1				6.88	6.85	NA
Matrix metalloproteinase-10				8.81	8.8	NA
Neurturin				1.32	1.22	NA
Neurotrophin-3				2.14	2.22	NA
Osteoprotegerin				9.66	9.68	NA
Oncostatin-M				4.47	4.38	NA
Programmed cell death 1 ligand 1				4.97	5.06	NA
Stem cell factor				9.24	9.29	NA
SIR2-like protein 2				3.02	2.98	NA
Signaling lymphocytic activation molecule				3.16	3.19	NA
Sulfotransferase 1A1				2.08	2.01	NA
STAM-binding protein				2.67	2.72	NA
Transforming growth factor alpha				3.64	3.56	NA
Latency-associated peptide transforming growth factor beta-1				8	8.09	NA
Tumor necrosis factor				0.91	0.95	NA
TNF-beta				3.97	3.99	NA
Tumor necrosis factor receptor superfamily member 9	w w w	w w	w	6.93	7.19	NA
Tumor necrosis factor ligand superfamily member 14				4.57	4.6	NA
TNF-related apoptosis-inducing ligand				8.31	8.38	NA
TNF-related activation-induced cytokine	**			5.73	5.99	NA
	1			1.13	1.09	NA
Thymic stromal lymphopoietin						
	*					NA
Thymic stromal lymphopoietin Tumor necrosis factor Urokinase-type plasminogen activator	ste ste ste ste	ste		8.92 9.95	9.02 10.09	NA NA

 Table 4: Men table for biomarkers significance, disease Atopic dermatitis, unspecified

Protein Adenosine Deaminase	No correction	Benjamini	Bonferroni	Avg Disease 5.07	Avg Healthy 5.17	Imag NA
Artemin				0.07	0.11	NA
Axin-1				1.25	1.18	NA
Brain-derived neurotrophic factor				4.82	4.71	NA
Beta-nerve growth factor				1.9	1.93	NA
Caspase-8				1.46	1.42	NA
Eotaxin				7.86	7.92	NA
C-C motif chemokine 19 C-C motif chemokine 20				9.36 5.96	9.37 6.03	NA NA
C-C motif chemokine 23				9.35	9.35	NA
C-C motif chemokine 25				6.19	6.14	NA
C-C motif chemokine 28				0.89	0.81	NA
C-C motif chemokine 3				2.29	2.21	NA
C-C motif chemokine 4				6.59	6.55	NA
Natural killer cell receptor 2B4				6.39	6.38	NA
CD40L receptor				9.26	9.29	NA
T-cell surface glycoprotein CD5 T cell surface glycoprotein CD6 isoform				4.01 3.69	4.05 3.64	NA NA
CUB domain-containing protein 1				2.44	2.42	NA
Macrophage colony-stimulating factor 1				7.88	7.86	NA
Cystatin D				6.81	6.91	NA
Fractalkine				6.43	6.51	NA
C-X-C motif chemokine 1				8.72	8.72	NA
C-X-C motif chemokine 10				9.61	9.48	NA
C-X-C motif chemokine 11				7.14	7.11	NA
C-X-C motif chemokine 5				12.17	12.12	NA
C-X-C motif chemokine 6 C-X-C motif chemokine 9				9.1 7.31	9.08 7.27	NA NA
C-x-C motif chemokine 9 Delta and Notch-like epidermal growth factor-related receptor				7.31 7.3	7.36	NA NA
Eukaryotic translation initiation factor 4E-binding protein 1				5.94	5.96	NA
Protein S100-A12				5.24	5.12	NA
Fibroblast growth factor 19				7.88	7.88	NA
Fibroblast growth factor 21				3.08	3.1	NA
Fibroblast growth factor 23				2.63	2.68	NA
Fibroblast growth factor 5				1.4	1.44	NA
Fms-related tyrosine kinase 3 ligand				8.71	8.79	NA
Glial cell line-derived neurotrophic factor Hepatocyte growth factor				2.21 7.81	2.18 7.78	NA NA
Interferon gamma				1	1	NA
Interleukin-10				4.2	4.1	NA
Interleukin-10 receptor subunit alpha				1.43	1.43	NA
Interleukin-10 receptor subunit beta				7.59	7.6	NA
Interleukin-12 subunit beta				4.77	4.81	NA
Interleukin-13				1.73	1.67	NA
Interleukin-15 receptor subunit alpha				1.3	1.3	NA
Interleukin-17A				0.96	0.84	NA
Interleukin-17C Interleukin-18				1.76 7.11	1.77 7.04	NA NA
Interleukin-18 Interleukin-18 receptor 1				7.61	7.58	NA
Interleukin-1 alpha				1.71	1.75	NA
Interleukin-2	***	***	***	1.22	1.22	NA
Interleukin-20	w			0.81	0.84	NA
Interleukin-20 receptor subunit alpha				1.04	0.95	NA
Interleukin-22 receptor subunit alpha-1	ste ste ste	***	***	2.26	2.26	NA
Interleukin-24				1.43	1.4	NA
Interleukin-2 receptor subunit beta				0.95	0.88	NA
Interleukin-33 Interleukin-4				1.52 1.83	1.44 1.38	NA
Interleukin-5				2.08	2.07	NA NA
Interleukin-6				2.94	2.85	NA
Interleukin-7				5.29	5.28	NA
Interleukin-8				7.55	7.57	NA
Leukemia inhibitory factor				0.94	0.89	NA
Leukemia inhibitory factor receptor				3.42	3.41	NA
Monocyte chemotactic protein 1				10.06	10	NA
Monocyte chemotactic protein 2 Monocyte chemotactic protein 3				10.07 2.2	10.01 2.24	NA NA
Monocyte chemotactic protein 4				3.56	3.43	NA
Matrix metalloproteinase-1				6.83	6.85	NA
Matrix metalloproteinase-10				9.01	8.8	NA
Neurturin	ww			1.15	1.22	NA
Neurotrophin-3				2.16	2.22	NA
Osteoprotegerin				9.72	9.68	NA
Oncostatin-M				4.51	4.38	NA
Programmed cell death 1 ligand 1 Stem cell factor				4.98 9.23	5.06 9.29	NA NA
Stem cell factor SIR2-like protein 2				3.06	2.98	NA NA
Signaling lymphocytic activation molecule				3.23	3.19	NA
Sulfotransferase 1A1				2.13	2.01	NA
STAM-binding protein				2.75	2.72	NA
Transforming growth factor alpha				3.65	3.56	NA
Latency-associated peptide transforming growth factor beta-1				8.08	8.09	NA
Tumor necrosis factor	who who			0.85	0.95	NA
TNF-beta				4.01	3.99	NA
Tumor necrosis factor receptor superfamily member 9				7.12	7.19	NA
Tumor necrosis factor ligand superfamily member 14				4.6	4.6	NA
TNF-related apoptosis-inducing ligand TNF-related activation-induced cytokine				8.39 5.86	8.38 5.99	NA NA
TNF-related activation-induced cytokine Thymic stromal lymphopoietin				1.09	1.09	NA NA
Tumor necrosis factor				8.97	9.02	NA
Urokinase-type plasminogen activator				10.06	10.09	NA

 Table 5: Men table for biomarkers significance, disease Asthma

Protein Adapasina Dagminasa	No correction	Benjamini	Bonferroni	Avg Disease	Avg Healthy	Imag
Adenosine Deaminase Artemin	w w			4.94 0.09	5.17 0.11	NA NA
Axin-1				1.15	1.18	NA
Brain-derived neurotrophic factor				4.91	4.71	NA
Beta-nerve growth factor				1.95	1.93	NA
Caspase-8				1.47	1.42	NA
Eotaxin				7.88	7.92	NA
C-C motif chemokine 19				9.37	9.37	NA
C-C motif chemokine 20				6.02	6.03	NA
C-C motif chemokine 23				9.34	9.35	NA
C-C motif chemokine 25				6.09	6.14	NA
C-C motif chemokine 28	w			1	0.81	NA
C-C motif chemokine 3	w			2.35	2.21	NA
C-C motif chemokine 4				6.55	6.55	NA
Natural killer cell receptor 2B4				6.35	6.38	NA
CD40L receptor				9.22	9.29	NA
T-cell surface glycoprotein CD5				4.07	4.05	NA
T cell surface glycoprotein CD6 isoform				3.68	3.64	NA
CUB domain-containing protein 1				2.45	2.42	NA
Macrophage colony-stimulating factor 1	skr			7.91	7.86	NA
Cystatin D				6.86	6.91	NA
Fractalkine				6.53	6.51	NA
C-X-C motif chemokine 1				8.86	8.72	NA
C-X-C motif chemokine 10				9.61	9.48	NA
C-X-C motif chemokine 11	w			7.35	7.11	NA
C-X-C motif chemokine 5				12.25	12.12	NA
C-X-C motif chemokine 6				9.13	9.08	NA
C-X-C motif chemokine 9				7.41	7.27	NA
Delta and Notch-like epidermal growth factor-related receptor	*			7.28	7.36	NA
Eukaryotic translation initiation factor 4E-binding protein 1				5.86	5.96	NA
Protein S100-A12				5.17	5.12	NA
Fibroblast growth factor 19				7.92	7.88	NA
Fibroblast growth factor 21				3.21	3.1	NA
Fibroblast growth factor 23				2.69	2.68	NA
Fibroblast growth factor 5				1.48	1.44	NA
Fms-related tyrosine kinase 3 ligand				8.79	8.79	NA
Glial cell line-derived neurotrophic factor				2.14	2.18	NA
Hepatocyte growth factor				7.88	7.78	NA
Interferon gamma				1	1	NA
Interleukin-10				4.23	4.1	NA
Interleukin-10 receptor subunit alpha	*			1.25	1.43	NA
Interleukin-10 receptor subunit beta				7.54	7.6	NA
Interleukin-12 subunit beta				4.94	4.81	NA
Interleukin-13				1.6	1.67	NA
Interleukin-15 receptor subunit alpha				1.31	1.3	NA
Interleukin-17A				0.78	0.84	NA
Interleukin-17C				1.72	1.77	NA
Interleukin-18				7.07	7.04	NA
Interleukin-18 receptor 1				7.59	7.58	NA
Interleukin-1 alpha				1.85	1.75	NA
Interleukin-2	***	***	***	1.22	1.22	NA
Interleukin-20				0.89	0.84	NA
Interleukin-20 receptor subunit alpha				0.99	0.95	NA
Interleukin-22 receptor subunit alpha-1	***	***	***	2.26	2.26	NA
Interleukin-24				1.44	1.4	NA
Interleukin-2 receptor subunit beta				0.87	0.88	NA
Interleukin-33				1.44	1.44	NA
Interleukin-4				1.46	1.38	NA
Interleukin-5				2.28	2.07	NA
Interleukin-6				2.93	2.85	NA
Interleukin-7	w			5.14	5.28	NA
Interleukin-8				7.52	7.57	NA
Leukemia inhibitory factor				0.88	0.89	NA
Leukemia inhibitory factor receptor				3.46	3.41	NA
Monocyte chemotactic protein 1				9.95	10	NA
Monocyte chemotactic protein 2				10.21	10.01	NA
Monocyte chemotactic protein 3				2.26	2.24	NA
Monocyte chemotactic protein 4				3.5	3.43	NA
Matrix metalloproteinase-1				6.93	6.85	NA
Matrix metalloproteinase-10				8.99	8.8	NA
Neurturin				1.33	1.22	NA
Neurotrophin-3				2.13	2.22	NA
Osteoprotegerin				9.66	9.68	NA
Oncostatin-M	*			4.68	4.38	NA
Programmed cell death 1 ligand 1	*			4.94	5.06	NA
Stem cell factor				9.29	9.29	NA
SIR2-like protein 2				2.91	2.98	NA
Signaling lymphocytic activation molecule				3.17	3.19	NA
Sulfotransferase 1A1				1.98	2.01	NA
STAM-binding protein				2.63	2.72	NA
Transforming growth factor alpha	w			3.77	3.56	NA
Latency-associated peptide transforming growth factor beta-1				8.04	8.09	NA
Tumor necrosis factor				0.94	0.95	NA
TNF-beta				4.01	3.99	NA
Tumor necrosis factor receptor superfamily member 9	w			7	7.19	NA
Tumor necrosis factor ligand superfamily member 14				4.68	4.6	NA
TNF-related apoptosis-inducing ligand				8.34	8.38	NA
TNF-related activation-induced cytokine				5.84	5.99	NA
	1			1.1	1.09	NA
Thymic stromal lymphopoietin						
	skr			8.92		NA
Thymic stromal lymphopoietin Tumor necrosis factor Urokinase-type plasminogen activator	ster ster				9.02 10.09	

 Table 6: Men table for biomarkers significance, disease Dyshidrosis

Protein Adamaina Darminasa	No correction	Benjamini	Bonferroni	Avg Disease	Avg Healthy	Imag
Adenosine Deaminase Artemin				4.93 0.1	5.1 <i>7</i> 0.11	NA NA
Axin-1				1.12	1.18	NA
Brain-derived neurotrophic factor				5.05	4.71	NA
Beta-nerve growth factor				1.84	1.93	NA
Caspase-8				1.39	1.42	NA
Eotaxin				7.77	7.92	NA
C-C motif chemokine 19				9.35	9.37	NA
C-C motif chemokine 20				6.11	6.03	NA
C-C motif chemokine 23				9.5	9.35	NA
C-C motif chemokine 25				6.03	6.14	NA
C-C motif chemokine 28				0.75	0.81	NA
C-C motif chemokine 3				2.18	2.21	NA
C-C motif chemokine 4				6.49	6.55	NA
Natural killer cell receptor 2B4				6.45	6.38	NA
CD40L receptor				9.21	9.29	NA
T-cell surface glycoprotein CD5				4.08	4.05	NA
T cell surface glycoprotein CD6 isoform				3.65	3.64	NA
CUB domain-containing protein 1				2.55	2.42	NA
Macrophage colony-stimulating factor 1				7.92	7.86	NA
Cystatin D				6.87	6.91	NA
Fractalkine				6.56	6.51	NA
C-X-C motif chemokine 1				8.63	8.72	NA
C-X-C motif chemokine 10				9.49	9.48	NA
C-X-C motif chemokine 11				7.16	7.11	NA
C-X-C motif chemokine 5				11.97	12.12	NA
C-X-C motif chemokine 6				8.92	9.08	NA
C-X-C motif chemokine 9				7.29	7.27	NA
Delta and Notch-like epidermal growth factor-related receptor	*			7.28	7.36	NA
Eukaryotic translation initiation factor 4E-binding protein 1				5.74	5.96	NA
Protein S100-A12				5.12	5.12	NA
Fibroblast growth factor 19				8.03	7.88	NA
Fibroblast growth factor 21				2.68	3.1	NA
Fibroblast growth factor 23				2.52	2.68	NA
Fibroblast growth factor 5				1.37	1.44	NA
Fms-related tyrosine kinase 3 ligand				8.77	8.79	NA
Glial cell line-derived neurotrophic factor				2.16	2.18	NA
Hepatocyte growth factor				7.79	7.78	NA
Interferon gamma	skr skr skr skr	de de de de	sk sk sk sk	0.99	1	NA
Interleukin-10				4.22	4.1	NA
Interleukin-10 receptor subunit alpha	w w			1.09	1.43	NA
Interleukin-10 receptor subunit beta				7.51	7.6	NA
Interleukin-12 subunit beta				4.92	4.81	NA
Interleukin-13				1.62	1.67	NA
Interleukin-15 receptor subunit alpha				1.33	1.3	NA
Interleukin-17A				0.94	0.84	NA
Interleukin-17C				1.77	1.77	NA
Interleukin-18				7.17	7.04	NA
Interleukin-18 receptor 1				7.48	7.58	NA
Interleukin-1 alpha				1.84	1.75	NA
Interleukin-2	***	***	***	1.22	1.22	NA
Interleukin-20				0.91	0.84	NA
Interleukin-20 receptor subunit alpha				0.93	0.95	NA
Interleukin-22 receptor subunit alpha-1	skr skr skr skr	strate strate	* * * *	2.26	2.26	NA
Interleukin-24				1.42	1.4	NA
Interleukin-2 receptor subunit beta				0.86	0.88	NA
Interleukin-33	ske ske ske ske	who who who	she she she she	1.43	1.44	NA
Interleukin-4				1.44	1.38	NA
Interleukin-5				1.89	2.07	NA
Interleukin-6				3.1	2.85	NA
Interleukin-7				5.37	5.28	NA
Interleukin-8				7.46	7.57	NA
Leukemia inhibitory factor	w			0.82	0.89	NA
Leukemia inhibitory factor receptor				3.4	3.41	NA
Monocyte chemotactic protein 1				9.8	10	NA
Monocyte chemotactic protein 1 Monocyte chemotactic protein 2				10.13	10.01	NA
Monocyte chemotactic protein 2 Monocyte chemotactic protein 3				2.26	2.24	NA
Monocyte chemotactic protein 3 Monocyte chemotactic protein 4				3.33	3.43	NA
Matrix metalloproteinase-1				6.74	6.85	NA
Matrix metalloproteinase-1				9.02	8.8	NA
Matrix metalioproteinase-10 Neurturin	**			1.14	1.22	NA
Neurotrophin-3	ww	ŵ		2.03	2.22	NA NA
Neurotropnin-3 Osteoprotegerin				9.79	9.68	NA NA
Osteoprotegerin Oncostatin-M				9.79 4.48	4.38	NA NA
Oncostatin-M Programmed cell death 1 ligand 1				4.48	4.38 5.06	
Programmed cell death 1 ligand 1 Stem cell factor				4.92 9.21	9.29	NA NA
Stem cell factor SIR2-like protein 2				9.21 2.87	9.29 2.98	
						NA NA
Signaling lymphocytic activation molecule				3.11	3.19	
Sulfotransferase 1A1				1.89	2.01	NA
STAM-binding protein				2.64	2.72	NA
Transforming growth factor alpha				3.52	3.56	NA
Latency-associated peptide transforming growth factor beta-1				8.07	8.09	NA
Tumor necrosis factor				0.86	0.95	NA
ΓNF-beta				4.08	3.99	NA
Tumor necrosis factor receptor superfamily member 9				6.91	7.19	NA
Tumor necrosis factor ligand superfamily member 14				4.66	4.6	NA
TNF-related apoptosis-inducing ligand				8.32	8.38	NA
TNF-related activation-induced cytokine				5.63	5.99	NA
Thymic stromal lymphopoietin				1.08	1.09	NA
	1					NA
Tumor necrosis factor				8.93	9.02	1474
Tumor necrosis factor Urokinase-type plasminogen activator				8.93 10.02	9.02 10.09	NA

 Table 7: Men table for biomarkers significance, disease Psoriasis

Protein	No correction	Benjamini	Bonferroni	Avg Disease	Avg Healthy	Image
Adenosine Deaminase				5.36	5.17	NA
Artemin				0.11	0.11	NA
Axin-1				1.4	1.18	NA
Brain-derived neurotrophic factor				4.65	4.71	NA
Beta-nerve growth factor				1.99	1.93	NA
Caspase-8	skr skr			1.73	1.42	NA
Eotaxin				8.03	7.92	NA
C-C motif chemokine 19				9.46	9.37	NA
C-C motif chemokine 20				5.9	6.03	NA
C-C motif chemokine 23				9.26	9.35	NA
C-C motif chemokine 25				6.15	6.14	NA
C-C motif chemokine 28				1.25	0.81	NA
C-C motif chemokine 3				2.46	2.21	NA
C-C motif chemokine 4				6.61	6.55	NA
Natural killer cell receptor 2B4	ske ske ske	ale ale		6.6	6.38	NA
_						
CD40L receptor	*			9.42	9.29	NA
T-cell surface glycoprotein CD5	**			4.23	4.05	NA
T cell surface glycoprotein CD6 isoform	**			3.91	3.64	NA
CUB domain-containing protein 1	1			2.79	2.42	NA
Macrophage colony-stimulating factor 1	***	**	w	8.03	7.86	NA
Cystatin D				6.75	6.91	NA
Fractalkine				6.69	6.51	NA
C-X-C motif chemokine 1				8.87	8.72	NA
C-X-C motif chemokine 10	w			9.85	9.48	NA
C-X-C motif chemokine 11				7.36	7.11	NA
C-X-C motif chemokine 5				12.32	12.12	NA
C-X-C motif chemokine 6	w			9.46	9.08	NA
C-X-C motif chemokine 9				7.48	7.27	NA
Delta and Notch-like epidermal growth factor-related receptor				7.43	7.36	NA
Eukaryotic translation initiation factor 4E-binding protein 1				6.22	5.96	NA
Protein S100-A12				5.52	5.12	NA NA
					7.88	NA NA
Fibroblast growth factor 19				7.79		
Fibroblast growth factor 21				3.73	3.1	NA
Fibroblast growth factor 23				2.83	2.68	NA
Fibroblast growth factor 5				1.38	1.44	NA
Fms-related tyrosine kinase 3 ligand				8.81	8.79	NA
Glial cell line-derived neurotrophic factor				2.09	2.18	NA
Hepatocyte growth factor				7.99	7.78	NA
Interferon gamma	***	***	***	0.99	1	NA
Interleukin-10				4.38	4.1	NA
Interleukin-10 receptor subunit alpha				1.34	1.43	NA
Interleukin-10 receptor subunit beta	w			7.75	7.6	NA
Interleukin-12 subunit beta				5.01	4.81	NA
Interleukin-13				1.79	1.67	NA
Interleukin-15 receptor subunit alpha	w w	w		1.45	1.3	NA
Interleukin-17A				0.98	0.84	NA
Interleukin-17A					1.77	NA
				1.86		
Interleukin-18	*			7.23	7.04	NA
Interleukin-18 receptor 1	w			7.8	7.58	NA
Interleukin-1 alpha				1.5	1.75	NA
Interleukin-2	the the the the	***	* * * *	1.22	1.22	NA
Interleukin-20				0.93	0.84	NA
Interleukin-20 receptor subunit alpha				1	0.95	NA
Interleukin-22 receptor subunit alpha-1	***	***	***	2.26	2.26	NA
Interleukin-24				1.4	1.4	NA
Interleukin-2 receptor subunit beta	***	***	***	0.85	0.88	NA
Interleukin-33				1.49	1.44	NA
Interleukin-4				1.95	1.38	NA
Interleukin-5				2.46	2.07	NA
Interleukin-6				3.12	2.85	NA
Interleukin-7					5.28	NA
Interleukin-7 Interleukin-8				5.21 7.71	7.57	
	ste ste ste	skr skr	w			NA NA
Leukemia inhibitory factor	www.		-	0.81	0.89	NA
Leukemia inhibitory factor receptor				3.56	3.41	NA
Monocyte chemotactic protein 1				10.13	10	NA
Monocyte chemotactic protein 2	w			10.39	10.01	NA
Monocyte chemotactic protein 3				2.54	2.24	NA
Monocyte chemotactic protein 4	*			3.92	3.43	NA
Matrix metalloproteinase-1	w			7.45	6.85	NA
Matrix metalloproteinase-10				8.87	8.8	NA
Neurturin	the the the the	she she she she	ste ste ste ste	1.12	1.22	NA
Neurotrophin-3				2.25	2.22	NA
Osteoprotegerin				9.69	9.68	NA
Oncostatin-M				4.64	4.38	NA
Programmed cell death 1 ligand 1				5.16	5.06	NA
Stem cell factor				9.39	9.29	NA NA
SIR2-like protein 2				3.22	2.98	NA
Signaling lymphocytic activation molecule				3.21	3.19	NA
Sulfotransferase 1A1	1.			2.55	2.01	NA
STAM-binding protein	w			2.91	2.72	NA
Transforming growth factor alpha				3.69	3.56	NA
Latency-associated peptide transforming growth factor beta-1				8.25	8.09	NA
Tumor necrosis factor	**	ste ste		0.84	0.95	NA
TNF-beta				3.94	3.99	NA
Tumor necrosis factor receptor superfamily member 9	w			7.51	7.19	NA
Tumor necrosis factor ligand superfamily member 14				4.85	4.6	NA
TNF-related apoptosis-inducing ligand						NA
				8.52	8.38	
TNF-related activation-induced cytokine	ste ste ste ste	ate ate ate at	ste ste ste ste	6.2	5.99	NA
Thymic stromal lymphopoietin	***	****	*****	1.08	1.09	NA
						NA
Tumor necrosis factor				9.12	9.02	
Tumor necrosis factor Urokinase-type plasminogen activator Vascular endothelial growth factor A	de de			9.12 10.22 10.53	9.02 10.09	NA

 Table 8: Men table for biomarkers significance, disease Eczema

Protein Adenosine Deaminase	No correction	Benjamini	Bonferroni	Avg Disease 5.16	Avg Healthy 5.17	Imag NA
Adenosine Deaminase Artemin	ste ste ste ste	ste ste ste ste	ste ste ste ste	0.03	5.17 0.11	NA NA
Axin-1				1.35	1.18	NA
Brain-derived neurotrophic factor				5.35	4.71	NA
Beta-nerve growth factor				2	1.93	NA
Caspase-8				1.48	1.42	NA
Eotaxin				7.94	7.92	NA
C-C motif chemokine 19				9.19	9.37	NA
C-C motif chemokine 20 C-C motif chemokine 23				5.65 9.41	6.03 9.35	NA NA
C-C motif chemokine 25				6.16	6.14	NA
C-C motif chemokine 28				0.91	0.81	NA
C-C motif chemokine 3				2.18	2.21	NA
C-C motif chemokine 4				6.57	6.55	NA
Natural killer cell receptor 2B4				6.47	6.38	NA
CD40L receptor				9.35	9.29	NA
T-cell surface glycoprotein CD5				4.13	4.05	NA
T cell surface glycoprotein CD6 isoform				3.57	3.64	NA
CUB domain-containing protein 1				2.39	2.42	NA
Macrophage colony-stimulating factor 1				7.91	7.86	NA
Cystatin D				6.88	6.91	NA
Fractalkine				6.64	6.51	NA
C-X-C motif chemokine 1				8.76	8.72	NA
C-X-C motif chemokine 10				9.73	9.48	NA
C-X-C motif chemokine 11				7.13	7.11	NA
C-X-C motif chemokine 5				11.97	12.12	NA NA
C-X-C motif chemokine 6 C-X-C motif chemokine 9				9.32 7.14	9.08 7.27	NA NA
C-x-C motif chemokine 9 Delta and Notch-like epidermal growth factor-related receptor				7.14	7.27	NA NA
Eukaryotic translation initiation factor 4E-binding protein 1				6.38	5.96	NA
Protein S100-A12				5.19	5.12	NA
Fibroblast growth factor 19				8.02	7.88	NA
Fibroblast growth factor 21				2.71	3.1	NA
Fibroblast growth factor 23				2.69	2.68	NA
Fibroblast growth factor 5				1.45	1.44	NA
Fms-related tyrosine kinase 3 ligand				8.87	8.79	NA
Glial cell line-derived neurotrophic factor				2.12	2.18	NA
Hepatocyte growth factor				7.79	7.78	NA
Interferon gamma	***	strate strate	***	0.99	1	NA
Interleukin-10				4.24	4.1	NA
Interleukin-10 receptor subunit alpha				1.67	1.43	NA
Interleukin-10 receptor subunit beta				7.66	7.6	NA
Interleukin-12 subunit beta				4.76	4.81	NA
Interleukin-13	***	***	***	1.54	1.67	NA
Interleukin-15 receptor subunit alpha				1.34	1.3	NA
Interleukin-17A				1.01	0.84	NA
Interleukin-17C				1.74	1.77	NA
Interleukin-18				7.34	7.04	NA
Interleukin-18 receptor 1				7.68	7.58	NA
Interleukin-1 alpha Interleukin-2	ste ste ste ste	***	ste ste ste ste	1.88 1.22	1.75 1.22	NA NA
Interleukin-2 Interleukin-20				0.82	0.84	NA
Interleukin-20 Interleukin-20 receptor subunit alpha				1.06	0.84	NA
Interleukin-20 receptor subunit alpha-1	strate strate	sterate sterate	ste ste ste ste	2.26	2.26	NA
Interleukin-24				1.44	1.4	NA
Interleukin-27				0.91	0.88	NA
Interleukin-33	***	***	***	1.43	1.44	NA
Interleukin-4				1.57	1.38	NA
Interleukin-5				2.03	2.07	NA
Interleukin-6				2.94	2.85	NA
Interleukin-7	str			5.55	5.28	NA
Interleukin-8				7.69	7.57	NA
Leukemia inhibitory factor				0.83	0.89	NA
Leukemia inhibitory factor receptor				3.43	3.41	NA
Monocyte chemotactic protein 1				10.25	10	NA
Monocyte chemotactic protein 2				9.91	10.01	NA
Monocyte chemotactic protein 3				2.25	2.24	NA
Monocyte chemotactic protein 4				3.64	3.43	NA
Matrix metalloproteinase-1	str			7.46	6.85	NA
Matrix metalloproteinase-10				9.13	8.8	NA
Neurturin	***	***	ste ste ste ste	1.12	1.22	NA
Neurotrophin-3				2.17	2.22	NA
Osteoprotegerin				9.55	9.68	NA
Oncostatin-M				4.57	4.38	NA NA
Programmed cell death 1 ligand 1 Stem cell factor				5.28 9.27	5.06 9.29	NA NA
SIR2-like protein 2	str			3.4	2.98	NA NA
Signaling lymphocytic activation molecule				3.4	3.19	NA NA
Sulfotransferase 1A1				2.37	2.01	NA
STAM-binding protein				2.92	2.72	NA
Fransforming growth factor alpha				3.73	3.56	NA
Latency-associated peptide transforming growth factor beta-1	w			8.31	8.09	NA
Fumor necrosis factor				0.96	0.95	NA
rNF-beta				3.92	3.99	NA
Fumor necrosis factor receptor superfamily member 9				7.22	7.19	NA
Tumor necrosis factor ligand superfamily member 14				4.65	4.6	NA
ΓNF-related apoptosis-inducing ligand				8.52	8.38	NA
FNF-related activation-induced cytokine				6.21	5.99	NA
Γhymic stromal lymphopoietin				1.09	1.09	NA
Tumor necrosis factor				9.1	9.02	NA
Total district and the state of	1			10.09	10.09	NA
Urokinase-type plasminogen activator				10.09	10.09	

Table 9: Men table for biomarkers significance, disease Migraine, unspecified

Protein Adamaina Darminasa	No correction	Benjamini	Bonferroni	Avg Disease	Avg Healthy	Imag
Adenosine Deaminase Artemin	ste ste ste ste	skr skr skr skr	ste ste ste ste	5.19 0.03	5.1 <i>7</i> 0.11	NA NA
Axin-1				1.2	1.18	NA
Brain-derived neurotrophic factor				3.82	4.71	NA
Beta-nerve growth factor				1.91	1.93	NA
Caspase-8				1.56	1.42	NA
Eotaxin				8.28	7.92	NA
C-C motif chemokine 19				9.58	9.37	NA
C-C motif chemokine 20				7.63	6.03	NA
C-C motif chemokine 23				9.3	9.35	NA
C-C motif chemokine 25	w w	*		6.67	6.14	NA
C-C motif chemokine 28				1.74	0.81	NA
C-C motif chemokine 3	ste ste ste	w w	w	2.86	2.21	NA
C-C motif chemokine 4				7.1	6.55	NA
Natural killer cell receptor 2B4				6.52	6.38	NA
CD40L receptor				9.49	9.29	NA
T-cell surface glycoprotein CD5				4.21	4.05	NA
T cell surface glycoprotein CD6 isoform				3.62	3.64	NA
CUB domain-containing protein 1				2.57	2.42	NA
Macrophage colony-stimulating factor 1				8.02	7.86	NA
Cystatin D				6.98	6.91	NA
Fractalkine				6.86	6.51	NA
C-X-C motif chemokine 1				8.89	8.72	NA
C-X-C motif chemokine 10				9.5	9.48	NA
C-X-C motif chemokine 11				7.2	7.11	NA
C-X-C motif chemokine 5				12.57	12.12	NA
C-X-C motif chemokine 6				9.08	9.08	NA
C-X-C motif chemokine 9				7.56	7.27	NA
Delta and Notch-like epidermal growth factor-related receptor				7.48	7.36	NA
Eukaryotic translation initiation factor 4E-binding protein 1 Protein S100-A12				6.1	5.96	NA
				5.14	5.12	NA
Fibroblast growth factor 19				7.78	7.88 3.1	NA NA
Fibroblast growth factor 21				4.54		
Fibroblast growth factor 23				2.61	2.68	NA
Fibroblast growth factor 5				1.39	1.44	NA
Fms-related tyrosine kinase 3 ligand				9.16	8.79	NA
Glial cell line-derived neurotrophic factor				2.26	2.18	NA
Hepatocyte growth factor	***	ste ste ste ste	***	8.03	7.78	NA
Interferon gamma				0.99	1	NA
Interleukin-10				4.38 1.11	4.1 1.43	NA NA
Interleukin-10 receptor subunit alpha Interleukin-10 receptor subunit beta	w			7.86	7.6	NA
Interleukin-10 receptor subunit beta				4.85	4.81	NA
Interleukin-13	ster ster ster	ske ske ske ske	ske ske ske ske	1.54	1.67	NA
Interleukin-15 receptor subunit alpha				1.23	1.3	NA
Interleukin-17A	w			1.17	0.84	NA
Interleukin-17A				2.05	1.77	NA
Interleukin-176				7.18	7.04	NA
Interleukin-18 receptor 1	skr skr	w		7.97	7.58	NA
Interleukin-1 alpha				1.84	1.75	NA
Interleukin-2	ster ster ster	ske ske ske ske	ske ske ske ske	1.22	1.22	NA
Interleukin-20				0.8	0.84	NA
Interleukin-20 Interleukin-20 receptor subunit alpha				1.12	0.95	NA
Interleukin-20 receptor subunit alpha-1	ster ster ster ste	***	***	2.26	2.26	NA
Interleukin-24	***	***	***	1.34	1.4	NA
Interleukin-2 receptor subunit beta	***	***	***	0.85	0.88	NA
Interleukin-33				1.44	1.44	NA
Interleukin-4				1.37	1.38	NA
Interleukin-5				3.09	2.07	NA
Interleukin-6				3.1	2.85	NA
Interleukin-6 Interleukin-7				5.45	5.28	NA NA
Interleukin-7 Interleukin-8				7.99	7.57	NA NA
Leukemia inhibitory factor	***	ste ste ste	***	0.8	0.89	NA
Leukemia inhibitory factor receptor				3.5	3.41	NA
Monocyte chemotactic protein 1	*			10.52	10	NA
Monocyte chemotactic protein 2				10.23	10.01	NA
Monocyte chemotactic protein 3	w			2.82	2.24	NA
Monocyte chemotactic protein 4				3.84	3.43	NA
Matrix metalloproteinase-1				7.29	6.85	NA
Matrix metalloproteinase-10				8.93	8.8	NA
Neurturin	she she she	ste ste ste ste	***	1.12	1.22	NA
Neurotrophin-3				2.19	2.22	NA
Osteoprotegerin				9.83	9.68	NA
Oncostatin-M				4.63	4.38	NA
Programmed cell death 1 ligand 1				5.19	5.06	NA
Stem cell factor				9.37	9.29	NA
SIR2-like protein 2				3.23	2.98	NA
Signaling lymphocytic activation molecule				3.43	3.19	NA
				2.08	2.01	NA
Sulfotransferase IAI				2.9	2.72	NA
	1			3.76	3.56	NA
STAM-binding protein				8.39	8.09	NA
STAM-binding protein Transforming growth factor alpha				0.84	0.95	NA
STAM-binding protein Transforming growth factor alpha Latency-associated peptide transforming growth factor beta-1	安安	ste ste				
STAM-binding protein Transforming growth factor alpha Latency-associated peptide transforming growth factor beta-1 Tumor necrosis factor	ste ste	w w			3 99	NIA
STAM-binding protein Transforming growth factor alpha Latency-associated peptide transforming growth factor beta-1 Tumor necrosis factor TNF-beta	ste ste	ste ste		4.04	3.99 7.19	NA NA
STAM-binding protein Transforming growth factor alpha Latency-associated peptide transforming growth factor beta-1 Tumor necrosis factor TNF-beta Tumor necrosis factor receptor superfamily member 9	w w	ste ste		4.04 7.43	7.19	NA
STAM-binding protein Transforming growth factor alpha Latency-associated peptide transforming growth factor beta-1 Tumor necrosis factor TNF-beta Tumor necrosis factor receptor superfamily member 9 Tumor necrosis factor ligand superfamily member 14	We de	ster ste		4.04 7.43 4.94	7.19 4.6	NA NA
STAM-binding protein Transforming growth factor alpha Latency-associated peptide transforming growth factor beta-1 Tumor necrosis factor TNF-beta Tumor necrosis factor receptor superfamily member 9 Tumor necrosis factor ligand superfamily member 14 TNF-related apoptosis-inducing ligand	**	ste ste		4.04 7.43 4.94 8.6	7.19 4.6 8.38	NA NA NA
STAM-binding protein Transforming growth factor alpha Latency-associated peptide transforming growth factor beta-1 Tumor necrosis factor TNF-beta Tumor necrosis factor receptor superfamily member 9 Tumor necrosis factor ligand superfamily member 14 TNF-related apoptosis-inducing ligand TNF-related activation-induced cytokine		sterate		4.04 7.43 4.94 8.6 6.04	7.19 4.6 8.38 5.99	NA NA NA
STAM-binding protein Transforming growth factor alpha Latency-associated peptide transforming growth factor beta-1 Tumor necrosis factor TNF-beta Tumor necrosis factor receptor superfamily member 9 Tumor necrosis factor ligand superfamily member 14 TNF-related apoptosis-inducing ligand TNF-related activation-induced cytokine Thymic stromal lymphopoietin	***	de d	ste de de de	4.04 7.43 4.94 8.6 6.04 1.08	7.19 4.6 8.38 5.99 1.09	NA NA NA NA
Sulfotransferase 1A1 STAM-binding protein Transforming growth factor alpha Latency-associated peptide transforming growth factor beta-1 Tumor necrosis factor TNF-beta Tumor necrosis factor receptor superfamily member 9 Tumor necrosis factor ligand superfamily member 14 TNF-related apoptosis-inducing ligand TNF-related activation-induced cytokine Thymic stromal lymphopoietin Tumor necrosis factor Urokinase-type plasminogen activator		***	ale ale ale ale	4.04 7.43 4.94 8.6 6.04	7.19 4.6 8.38 5.99	NA NA NA

Table 10: Men table for biomarkers significance, disease ADHD

Protein Adenosine Deaminase	No correction	Benjamini	Bonferroni	Avg Disease	Avg Healthy	Imag
Adenosine Deaminase Artemin	who who who	sterstersterste	who who who	5.3 <i>7</i> 0.03	5.17 0.11	NA NA
Axin-1				1.17	1.18	NA
Brain-derived neurotrophic factor				6.79	4.71	NA
Beta-nerve growth factor				2.28	1.93	NA
Caspase-8				1.48	1.42	NA
Eotaxin				7.81	7.92	NA
C-C motif chemokine 19				9.85	9.37	NA
C-C motif chemokine 20 C-C motif chemokine 23				6.35 9.57	6.03 9.35	NA NA
C-C motif chemokine 25				7.09	6.14	NA
C-C motif chemokine 28				0.77	0.81	NA
C-C motif chemokine 3				2.33	2.21	NA
C-C motif chemokine 4				6.91	6.55	NA
Natural killer cell receptor 2B4				6.42	6.38	NA
CD40L receptor				9.45	9.29	NA
T-cell surface glycoprotein CD5				4.02	4.05	NA
T cell surface glycoprotein CD6 isoform CUB domain-containing protein 1	*			3.88 2.95	3.64 2.42	NA NA
Macrophage colony-stimulating factor 1				7.94	7.86	NA
Cystatin D				6.76	6.91	NA
Fractalkine				6.58	6.51	NA
C-X-C motif chemokine 1				8.58	8.72	NA
C-X-C motif chemokine 10				9.92	9.48	NA
C-X-C motif chemokine 11				7.88	7.11	NA
C-X-C motif chemokine 5				12.07	12.12	NA
C-X-C motif chemokine 6 C-X-C motif chemokine 9				9.34 8.46	9.08	NA NA
C-X-C motif chemokine 9 Delta and Notch-like epidermal growth factor-related receptor				8.46 7.41	7.27 7.36	NA NA
Eukaryotic translation initiation factor 4E-binding protein 1				5.95	5.96	NA
Protein S100-A12				5.28	5.12	NA
Fibroblast growth factor 19				8.02	7.88	NA
Fibroblast growth factor 21				3.12	3.1	NA
Fibroblast growth factor 23	*			3.01	2.68	NA
Fibroblast growth factor 5				1.43	1.44	NA
Fms-related tyrosine kinase 3 ligand				8.84	8.79	NA
Glial cell line-derived neurotrophic factor Hepatocyte growth factor				2.15 8.17	2.18 7.78	NA NA
Interferon gamma	de de de de	***	***	0.99	1	NA
Interleukin-10				4.96	4.1	NA
Interleukin-10 receptor subunit alpha				1.35	1.43	NA
Interleukin-10 receptor subunit beta				7.67	7.6	NA
Interleukin-12 subunit beta				4.96	4.81	NA
Interleukin-13				2.12	1.67	NA
Interleukin-15 receptor subunit alpha				1.37	1.3	NA
Interleukin-17A				0.84	0.84	NA
Interleukin-17C				1.75	1.77	NA
Interleukin-18 Interleukin-18 receptor 1				7.55 7.9	7.04 7.58	NA NA
Interleukin-1 alpha	***	***	***	1.8	1.75	NA
Interleukin-2	***	***	***	1.22	1.22	NA
Interleukin-20	***	ste ste ste ste	she she she she	0.81	0.84	NA
Interleukin-20 receptor subunit alpha	*			0.9	0.95	NA
Interleukin-22 receptor subunit alpha-1	the the the	***	***	2.26	2.26	NA
Interleukin-24	***	***	***	1.44	1.4	NA
Interleukin-2 receptor subunit beta	who who who	ste ste ste ste ste ste ste ste	who who who	0.85	0.88	NA
Interleukin-33 Interleukin-4		www	www	1.43 1.34	1.44 1.38	NA
Interleukin-4 Interleukin-5				2.88	2.07	NA NA
Interleukin-6				2.88	2.85	NA
Interleukin-7				5.37	5.28	NA
Interleukin-8				7.73	7.57	NA
Leukemia inhibitory factor				1.04	0.89	NA
Leukemia inhibitory factor receptor				3.47	3.41	NA
Monocyte chemotactic protein 1				9.82	10	NA
Monocyte chemotactic protein 2				10.34	10.01	NA
Monocyte chemotactic protein 3				2.26	2.24	NA
Monocyte chemotactic protein 4 Matrix metalloproteinase-1				3.65 6.66	3.43 6.85	NA NA
Matrix metalloproteinase-10				9.24	8.8	NA
Neurturin				1.6	1.22	NA
Neurotrophin-3				2.3	2.22	NA
Osteoprotegerin				9.83	9.68	NA
Oncostatin-M				4.66	4.38	NA
Programmed cell death 1 ligand 1				5.36	5.06	NA
Stem cell factor SIR2-like protein 2				9 2.87	9.29 2.98	NA NA
SIR2-like protein 2 Signaling lymphocytic activation molecule				2.87 3.19	2.98 3.19	NA NA
Sulfotransferase 1A1				2.04	2.01	NA
STAM-binding protein				2.8	2.72	NA
Transforming growth factor alpha				3.79	3.56	NA
Latency-associated peptide transforming growth factor beta-1				8.26	8.09	NA
Tumor necrosis factor	she she she	ste ste ste ste	she she she she	0.84	0.95	NA
TNF-beta				3.94	3.99	NA
Tumor necrosis factor receptor superfamily member 9				7.4	7.19	NA
Tumor necrosis factor ligand superfamily member 14				4.77	4.6	NA
TNF-related apoptosis-inducing ligand				8.55	8.38	NA
TNF-related activation-induced cytokine	the the the the	ale ale ale rês	ste ste ste ste	5.79	5.99	NA
Thymic stromal lymphopoietin			*	1.08	1.09 9.02	NA NA
Tumor necrosis factor						
Tumor necrosis factor Urokinase-type plasminogen activator				8.94 10.2	10.09	NA

Table 11: Men table for biomarkers significance, disease Food allergy

Protein Adenosine Deaminase	No correction	Benjamini	Bonferroni	Avg Disease	Avg Healthy	Imag
Adenosine Deaminase Artemin	she she she	sterstersterste	* * * *	5.06 0.03	5.1 <i>7</i> 0.11	NA NA
Axin-1				1.26	1.18	NA
Brain-derived neurotrophic factor				7.52	4.71	NA
Beta-nerve growth factor				1.85	1.93	NA
Caspase-8				1.58	1.42	NA
Eotaxin				8.13	7.92	NA
C-C motif chemokine 19				9.27	9.37	NA
C-C motif chemokine 20 C-C motif chemokine 23				6.61 9.22	6.03 9.35	NA NA
C-C motif chemokine 25				6.2	6.14	NA
C-C motif chemokine 28				0.89	0.81	NA
C-C motif chemokine 3				2.39	2.21	NA
C-C motif chemokine 4	ste ste			6.97	6.55	NA
Natural killer cell receptor 2B4				6.3	6.38	NA
CD40L receptor				9.29	9.29	NA
T-cell surface glycoprotein CD5				4.13	4.05	NA
T cell surface glycoprotein CD6 isoform CUB domain-containing protein 1				3.51 2.37	3.64 2.42	NA NA
Macrophage colony-stimulating factor 1				7.98	7.86	NA
Cystatin D				7.21	6.91	NA
Fractalkine				6.57	6.51	NA
C-X-C motif chemokine 1				8.75	8.72	NA
C-X-C motif chemokine 10				9.81	9.48	NA
C-X-C motif chemokine 11				7.12	7.11	NA
C-X-C motif chemokine 5				12.37	12.12	NA
C-X-C motif chemokine 6 C-X-C motif chemokine 9				8.87 7.73	9.08 7.27	NA NA
C-x-C motif chemokine 9 Delta and Notch-like epidermal growth factor-related receptor				7.73	7.27 7.36	NA NA
Eukaryotic translation initiation factor 4E-binding protein 1				6.17	5.96	NA
Protein S100-A12				4.98	5.12	NA
Fibroblast growth factor 19				7.23	7.88	NA
Fibroblast growth factor 21				2.6	3.1	NA
Fibroblast growth factor 23				2.7	2.68	NA
Fibroblast growth factor 5	w			1.64	1.44	NA
Fms-related tyrosine kinase 3 ligand	w			9.3	8.79	NA
Glial cell line-derived neurotrophic factor Hepatocyte growth factor				2.28 7.96	2.18 7.78	NA NA
Interferon gamma	ste ste ste	ste ste ste ste	ste ste ste ste	0.99	1	NA
Interleukin-10				4.21	4.1	NA
Interleukin-10 receptor subunit alpha				1.22	1.43	NA
Interleukin-10 receptor subunit beta				7.66	7.6	NA
Interleukin-12 subunit beta				5.03	4.81	NA
Interleukin-13				1.61	1.67	NA
Interleukin-15 receptor subunit alpha				1.4	1.3	NA
Interleukin-17A Interleukin-17C	w/r			0.74 2.15	0.84 1.77	NA NA
Interleukin-17C				6.75	7.04	NA
Interleukin-18 receptor 1				7.63	7.58	NA
Interleukin-1 alpha	***	***	***	1.8	1.75	NA
Interleukin-2	***	***	***	1.22	1.22	NA
Interleukin-20	ste ste ste ste	ste ste ste ste	ste ste ste ste	0.81	0.84	NA
Interleukin-20 receptor subunit alpha	***	***	***	0.88	0.95	NA
Interleukin-22 receptor subunit alpha-1	***	ste ste ste ste ste ste ste ste	ste ste ste ste ste ste ste ste	2.26	2.26	NA
Interleukin-24 Interleukin-2 receptor subunit beta	de de de de	www.w	***	1.34 0.85	1.4 0.88	NA NA
Interleukin-33	***	***	***	1.43	1.44	NA
Interleukin-4				1.34	1.38	NA
Interleukin-5				1.9	2.07	NA
Interleukin-6				2.79	2.85	NA
Interleukin-7				5.02	5.28	NA
Interleukin-8				7.84	7.57	NA
Leukemia inhibitory factor	***	***	***	0.8	0.89	NA
Leukemia inhibitory factor receptor				3.46 10.29	3.41	NA
Monocyte chemotactic protein 1 Monocyte chemotactic protein 2				10.29	10 10.01	NA NA
Monocyte chemotactic protein 2 Monocyte chemotactic protein 3				2.37	2.24	NA
Monocyte chemotactic protein 4				3.65	3.43	NA
Matrix metalloproteinase-1				6.88	6.85	NA
Matrix metalloproteinase-10				8.84	8.8	NA
Neurturin				1.22	1.22	NA
Neurotrophin-3				2.37	2.22	NA
Osteoprotegerin				9.73	9.68	NA
Oncostatin-M				4.6	4.38	NA NA
Programmed cell death 1 ligand 1 Stem cell factor				5.2 9.34	5.06 9.29	NA NA
SIR2-like protein 2				3.22	2.98	NA
Signaling lymphocytic activation molecule	w			2.94	3.19	NA
Sulfotransferase 1A1				2.15	2.01	NA
STAM-binding protein				2.77	2.72	NA
Transforming growth factor alpha				3.62	3.56	NA
Latency-associated peptide transforming growth factor beta-1				8.13	8.09	NA
Tumor necrosis factor	***	strate aterate	***	0.84	0.95	NA
TNF-beta				3.73	3.99	NA
Tumor necrosis factor receptor superfamily member 9				7.2	7.19	NA NA
Tumor necrosis factor ligand superfamily member 14 TNF-related apoptosis-inducing ligand				4.61 8.66	4.6 8.38	NA NA
TNF-related apoptosis-inducing ligand TNF-related activation-induced cytokine				8.66 6.4	8.38 5.99	NA NA
Thyric stromal lymphopoietin	she she she she	ste ste ste	ste ste ste ste	1.08	1.09	NA
Tumor necrosis factor				9.06	9.02	NA
	I					NA
Urokinase-type plasminogen activator				10.19	10.09	INA

Table 12: Men table for biomarkers significance, disease Celiac disease

Activation Determinates Arrivation activated neutratrophic factor Brait-hardwad neutratrophic factor C C montf chemodates 30 C C montf chemodates 25 C C montf chemodates 25 C C montf chemodates 26 Brait-hardwad neutratrophic factor 26 F cell surface glocoprotein CD6 softor Macesphase colony-steministing return 1 Cocker montf chemodates 2 F cell surface glocoprotein CD6 softor Receiptings colony-steministing return 1 Cocker montf chemodates 2 Cocker montf chemod		Paracetamol	Ibux 200 mg		.E	.s	cort	Ibux 400 mg	ģ	utan	rta
Manamation	Protein	Parace	Ibux 2	Zyrtec	Ventolin	Cetrizin	Symbicort	Ibux 4	Seretide	Roaccutan	Concerta
State	Adenosine Deaminase										
Remarked memoraphic heave					str str			*****	ste ste ste ste		****
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Commit chambalis 19											
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C-C mount chemokine 2											
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Tectus answer glycoprotein CDD Isolation (DII) damain-containing factor 1 Macrophage colony-stimulating factor 1 Macrophage colony-stim											
Commit containing protein 1											
Nacrophage colony similating factor 1 Cystalia D Cystal											
Facetalkinis											
CXC montf chemokine 1											
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CXC motif chemokine 5 CXC motif chemokine 9 Delia and Notchilde epidermal growth factor-related receptore Eularyotic translation intimition factor 4E-binding protein 1 Elibroblata growth factor 19 Elibroblata growth factor 23 Fibroblata growth factor 23 Fibroblata growth factor 23 Fibroblata growth factor 24 Fibroblata growth factor 31 Fibroblata growth factor 31 Fibroblata growth factor 31 Fibroblata growth factor 32 Fibroblata growth factor 40 Fibroblata growth											
CXC motif chemotine 0											
Case Can with the motion of Debta and Note like epidermal growth factor related receptor Eularyotic translation initiation factor 4E-binding protein 1 Process 1000 A12											
Forcis in Stoch A12 Fibroblas growth factor 19 Fibroblas growth factor 19 Fibroblas growth factor 21 Fibroblas growth factor 42 Fibroblas growth factor 19 Fibroblas growth factor 42 Fibroblas growth factor 19 F											
Protein \$100-A12 Protein \$100 Protein \$100											
Fibroblast growth factor 23 Fibroblast growth factor 24 Fibroblast growth factor 25 Fibr											
Fibroblast growth factor 25 Fime-elazed tyrosine kinase 3 ligand											
Fibrolates growth factor 5 Fibrolates or 5	Fibroblast growth factor 21									*	
Fine-related tyrosine kinase 3 ligand Cilial cell line-derived neutrotrophic factor Hepatocyte growth factor labal Hardenwikin-10 receptor subunit alpha Hardenwikin-12 receptor subunit alpha Hardenwikin-18 receptor 1 Hardenwikin-18 receptor 1 Hardenwikin-19 growth alpha Hardenwikin-20 receptor subunit alpha Hardenwikin-3 receptor subunit alpha Hardenwikin-3 receptor subunit alpha Hardenwikin-3 receptor subunit pactor Hardenwikin-3 receptor subunit alpha Hardenwikin-3 receptor											
Call inter-derived neurotrophic factor Hopancorte growth factor Hopan											
Interleukin-10 receptor subunit alpha											
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Interleukin-15 receptor subunit alpha Interleukin-17A Interleukin-18 receptor 1 Interleukin-18 receptor 1 Interleukin-20								we who who	ste ste ste ste	www.w	****
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Interleukin-18											
Interleukin-18 receptor 1 Interleukin-2 Interleukin-20 Interleukin-20 Interleukin-20 Interleukin-20 Interleukin-20											
Interleukin-20											
Interleukin-20 receptor subunit alpha								***			***
Interleukin-20 receptor subunit alpha		****	***	***	****	***	***	****	****	***	****
Interleukin-24 receptor subunit alpha-1				*					we we		***
Interleukin-2 receptor subunit beta Interleukin-3 Interleukin-4 Interleukin-4 Interleukin-5 Interleukin-6 Interleukin-6 Interleukin-6 Interleukin-7 Interleukin-7 Interleukin-8 Leukemia inhibitory factor receptor Leukemia inhibitory factor receptor Monocyte chemotactic protein 1 Monocyte chemotactic protein 2 Monocyte chemotactic protein 3 Monocyte chemotactic protein 4 Matrix metalloproteinase-10 Neururin Neurotrophin-3 Osteoprotegerin Oncostatin-M Programmed cell death 1 ligand 1 Stem cell factor SIR2-like protein 2 Signaling lymphocytic activation molecule Sulfotransferase 1A1 STAM-binding protein Transforming growth factor alpha Latency-associated peptide transforming growth factor beta-1 Tumor necrosis factor receptor superfamily member 9 Tumor necrosis factor receptor superfamily member 9 Tumor necrosis factor receptor superfamily member 14 TNF-related activation-induced cytokine TNP-related activation-induced cytokine TNP-related activation-induced cytokine	Interleukin-22 receptor subunit alpha-1	****	***	***	****	***	***	****	% % % %	****	***
Interleukin-33 Interleukin-36 Interleukin-5 Interleukin-5 Interleukin-6 Interleukin-7 Interleukin-7 Interleukin-7 Interleukin-7 Interleukin-8 Leukemia inhibitory factor Leukemia inhibitory factor receptor Monocyte chemotactic protein 1 Monocyte chemotactic protein 2 Monocyte chemotactic protein 3 Monocyte chemotactic protein 4 Matrix metalloproteinase-10 Neurturin Neurotrophin-3 Osteoprotegerin Oncostatin-M Programmed cell death 1 ligand 1 Stem cell factor SiR2-like protein 2 Signaling lymphocytic activation molecule Sulfotransferase 1A1 STAMbinding protein Transforming growth factor alpha Latency-associated peptide transforming growth factor beta-1 Tumor necrosis factor receptor superfamily member 9 Tumor necrosis factor receptor superfamily member 14 TNF-related apoptosis-inducing ligand TNF-related apoptosis-inducing ligand TNF-related apoptosis-inducing ligand TNF-related activation-induced cytokine Thymic stormal lymphopoietin			w	ale ale ale ale		ale ale ale ale	ale ale ale ale	ale ale ale ale		ale ale ale ale	****
Interleukin-4 Interleukin-5 Interleukin-6 Interleukin-6 Interleukin-7 Interleukin-8 Interleukin-9 Interleukin-8 Interleukin-9 Interleukin-8 Interleukin-9 Interleukin-8 Interleukin-9 Interleukin-8 Interleukin-9 Interleukin-8 Interleukin-9 In			****		****	***			we we we we	****	***
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TNF-related apoptosis-inducing ligand TNF-related activation-induced cytokine Thymic stromal lymphopoietin											
TNF-related activation-induced cytokine Thymic stromal lymphopoietin											
	TNF-related activation-induced cytokine										
Tumor necrosis factor				* * * *	****		* * * *		***	***	* * * *
Tumor necrosis factor Urokinase-type plasminogen activator											
Vascular endothelial growth factor A											

 Table 13: Significant biomarkers for medicines and men, addjusted for Bonferroni

Protein	No correction	Benjamini	Bonferroni	Avg Medicated	Avg Healthy	Ima
Adenosine Deaminase				5.12	5.16	NA
Artemin				0.1	0.11	NA
Axin-1				1.22	1.18	NA
Brain-derived neurotrophic factor				4.54	4.69	NA
Beta-nerve growth factor				1.94	1.93	NA
Caspase-8				1.44	1.44	NA
Eotaxin				7.87	7.89	NA
C-C motif chemokine 19				9.25	9.37	NA
C-C motif chemokine 20				5.93	6.07	NA
C-C motif chemokine 23				9.36	9.34	NA
C-C motif chemokine 25				6.16	6.15	NA
C-C motif chemokine 28				0.75	0.83	NA
C-C motif chemokine 3				2.21	2.23	NA
C-C motif chemokine 4				6.5	6.56	NA
Natural killer cell receptor 2B4				6.38	6.38	NA
CD40L receptor				9.21	9.29	NA
T-cell surface glycoprotein CD5				4	4.06	NA
T cell surface glycoprotein CD6 isoform				3.6	3.65	NA
CUB domain-containing protein 1				2.47	2.43	NA
Macrophage colony-stimulating factor 1				7.86	7.87	NA
Cystatin D				6.85	6.89	NA
Fractalkine				6.49	6.51	NA
C-X-C motif chemokine 1				8.87	8.69	NA
C-X-C motif chemokine 10				9.65	9.48	NA
C-X-C motif chemokine 11				7.25	7.06	NA
C-X-C motif chemokine 5				12.14	12.09	NA
C-X-C motif chemokine 6				9.14	9.06	NA
C-X-C motif chemokine 9				7.34	7.28	NA
Delta and Notch-like epidermal growth factor-related receptor				7.31	7.35	NA
Eukaryotic translation initiation factor 4E-binding protein 1				6.05	5.96	NA
Protein S100-A12				5.15	5.13	NA
Fibroblast growth factor 19				7.98	7.86	NA
Fibroblast growth factor 21				3.26	3.19	NA
Fibroblast growth factor 23				2.66	2.67	NA
Fibroblast growth factor 5				1.38	1.43	NA
Fms-related tyrosine kinase 3 ligand				8.73	8.79	NA
Glial cell line-derived neurotrophic factor				2.13	2.18	NA
Hepatocyte growth factor				7.81	7.78	NA
Interferon gamma				1	1	NA
Interleukin-10				4.04	4.14	NA
Interleukin-10 receptor subunit alpha				1.37	1.44	NA
Interleukin-10 receptor subunit beta				7.57	7.61	NA
Interleukin-12 subunit beta				4.72	4.81	NA
Interleukin-13				1.78	1.63	NA
Interleukin-15 receptor subunit alpha				1.27	1.31	NA
Interleukin-17A				0.88	0.86	NA
Interleukin-17A				1.73	1.74	NA
Interleukin-17C				7.1	7.06	NA
Interleukin-18 Interleukin-18 receptor 1				7.53	7.61	NA
Interleukin-1 alpha	ste ste ste ste	ste ste ste	ste ste ste ste	1.67	1.76	NA
Interleukin-2		www	www	1.22	1.22	NA
Interleukin-20				0.86	0.85	NA
Interleukin-20 receptor subunit alpha	*			0.93	0.99	NA
Interleukin-22 receptor subunit alpha-1	she she she	***	***	2.26	2.26	NA
Interleukin-24	*			1.36	1.42	NA
Interleukin-2 receptor subunit beta				0.98	0.89	NA
Interleukin-33				1.43	1.46	NA
Interleukin-4				1.45	1.41	NA
Interleukin-5				2.12	2.05	NA
Interleukin-6				3	2.88	NA
Interleukin-7				5.26	5.27	NA
Interleukin-8				7.5	7.55	NA
Leukemia inhibitory factor	*			0.84	0.91	NA
Leukemia inhibitory factor receptor				3.39	3.4	NA
Monocyte chemotactic protein 1				10.01	10	NA
Monocyte chemotactic protein 2				10	9.99	NA
Monocyte chemotactic protein 3				2.26	2.24	NA
Monocyte chemotactic protein 4				3.5	3.43	NA
Matrix metalloproteinase-1				7.1	6.83	NA
Matrix metalloproteinase-10				8.75	8.84	NA
Neurturin				1.2	1.21	NA
Neurotrophin-3				2.26	2.18	NA
Osteoprotegerin				9.67	9.68	NA
Oncostatin-M				4.46	4.39	NA
Programmed cell death 1 ligand 1				5.08	5.07	NA
Stem cell factor				9.21	9.28	NA
SIR2-like protein 2				2.97	2.99	NA
Signaling lymphocytic activation molecule				3.11	3.21	NA
Sulfotransferase 1A1				1.89	2.03	NA
STAM-binding protein				2.7	2.73	NA
Transforming growth factor alpha				3.59	3.56	NA
Latency-associated peptide transforming growth factor beta-1				8.05	8.09	NA
Tumor necrosis factor				0.97	0.93	NA
TNF-beta				3.97	3.99	NA
Tumor necrosis factor receptor superfamily member 9				7.15	7.2	NA
Tumor necrosis factor ligand superfamily member 14				4.6	4.6	NA
TNF-related apoptosis-inducing ligand				8.4	8.38	NA
TNF-related activation-induced cytokine				5.84	5.98	NA
Thymic stromal lymphopoietin				1.08	1.09	NA
Tumor necrosis factor				8.96	9.02	NA
Tullior flectosis factor						
Urokinase-type plasminogen activator				10.03	10.07	NA

 Table 14: Men table for biomarkers significance, medicine Paracetamol

Protein	No correction	Benjamini	Bonferroni	Avg Medicated	Avg Healthy	Imag
Adenosine Deaminase Artemin				5.07 0.07	5.16 0.11	NA NA
Axin-1				1.32	1.18	NA
Brain-derived neurotrophic factor				4.4	4.69	NA
Beta-nerve growth factor	str str	w		1.79	1.93	NA
Caspase-8				1.46	1.44	NA
Eotaxin				7.86	7.89	NA
C-C motif chemokine 19	*			9.1	9.37	NA
C-C motif chemokine 20	ste ste	*		5.58	6.07	NA
C-C motif chemokine 23 C-C motif chemokine 25	w			9.2 5.97	9.34 6.15	NA NA
C-C motif chemokine 28	"			0.79	0.83	NA
C-C motif chemokine 3				2.21	2.23	NA
C-C motif chemokine 4				6.65	6.56	NA
Natural killer cell receptor 2B4				6.26	6.38	NA
CD40L receptor				9.2	9.29	NA
T-cell surface glycoprotein CD5	skr skr	w		3.91	4.06	NA
T cell surface glycoprotein CD6 isoform				3.51	3.65	NA
CUB domain-containing protein 1				2.27	2.43	NA
Macrophage colony-stimulating factor 1 Cystatin D				7.8 6.8	7.87 6.89	NA NA
Fractalkine				6.39	6.51	NA
C-X-C motif chemokine 1				8.62	8.69	NA
C-X-C motif chemokine 10				9.48	9.48	NA
C-X-C motif chemokine 11				7.01	7.06	NA
C-X-C motif chemokine 5				11.88	12.09	NA
C-X-C motif chemokine 6	skr			8.81	9.06	NA
C-X-C motif chemokine 9				7.03	7.28	NA
Delta and Notch-like epidermal growth factor-related receptor	skr			7.25	7.35	NA
Eukaryotic translation initiation factor 4E-binding protein 1				6.32	5.96	NA
Protein S100-A12				4.8	5.13	NA
Fibroblast growth factor 19	skr			7.8 2.6	7.86 3.19	NA NA
Fibroblast growth factor 21 Fibroblast growth factor 23				2.65	2.67	NA NA
Fibroblast growth factor 5				1.49	1.43	NA
Fms-related tyrosine kinase 3 ligand				8.77	8.79	NA
Glial cell line-derived neurotrophic factor				2.16	2.18	NA
Hepatocyte growth factor	*			7.63	7.78	NA
Interferon gamma				1.01	1	NA
Interleukin-10	*			3.94	4.14	NA
Interleukin-10 receptor subunit alpha				1.36	1.44	NA
Interleukin-10 receptor subunit beta				7.51	7.61	NA
Interleukin-12 subunit beta				4.73	4.81	NA
Interleukin-13	ste			1.64	1.63	NA
Interleukin-15 receptor subunit alpha				1.22	1.31	NA
Interleukin-17A Interleukin-17C				0.68 1.66	0.86 1.74	NA NA
Interleukin-17C				7	7.06	NA
Interleukin-18 receptor 1	sk sk	w		7.38	7.61	NA
Interleukin-1 alpha				1.71	1.76	NA
Interleukin-2	***	* * * *	***	1.22	1.22	NA
Interleukin-20				0.93	0.85	NA
Interleukin-20 receptor subunit alpha	w			0.91	0.99	NA
Interleukin-22 receptor subunit alpha-1	the the the the	the the the the	ste ste ste ste	2.26	2.26	NA
Interleukin-24	* * *	w w	w	1.34	1.42	NA
Interleukin-2 receptor subunit beta	who who	ŵ		0.85	0.89	NA
Interleukin-33	* * * *	***	the site site	1.43	1.46	NA
Interleukin-4	ste ste ste	**	W.	1.12	1.41	NA
Interleukin-5 Interleukin-6				2.17 2.76	2.05 2.88	NA NA
Interleukin-7				5.18	5.27	NA
Interleukin-8				7.39	7.55	NA
Leukemia inhibitory factor	* * * *	***	ste ste ste	0.81	0.91	NA
Leukemia inhibitory factor receptor	w			3.29	3.4	NA
Monocyte chemotactic protein 1				9.95	10	NA
Monocyte chemotactic protein 2				10.09	9.99	NA
Monocyte chemotactic protein 3	ste ste ste	**	skr	1.98	2.24	NA
Monocyte chemotactic protein 4	ste ste	skr		3.21	3.43	NA
Matrix metalloproteinase-1				7.05	6.83	NA
Matrix metalloproteinase-10	ste ste	ŵ		8.54	8.84	NA NA
Neurturin Neurotrophin-3	w w	skr		1.14	1.21 2.18	NA NA
Neurotropnin-3 Osteoprotegerin				9.59	2.18 9.68	NA NA
Oncostatin-M				4.29	4.39	NA
Programmed cell death 1 ligand 1				5	5.07	NA
Stem cell factor				9.2	9.28	NA
SIR2-like protein 2				3.17	2.99	NA
Signaling lymphocytic activation molecule				3.17	3.21	NA
Sulfotransferase 1A1				1.97	2.03	NA
STAM-binding protein				2.84	2.73	NA
Transforming growth factor alpha				3.46	3.56	NA
Latency-associated peptide transforming growth factor beta-1				8.04	8.09	NA
Tumor necrosis factor				0.88	0.93	NA
TNF-beta	*			4.02	3.99	NA
Tumor necrosis factor receptor superfamily member 9	w			6.98	7.2	NA
Tumor necrosis factor ligand superfamily member 14				4.61	4.6	NA
TNF-related apoptosis-inducing ligand TNF-related activation-induced cytokine				8.31 5.86	8.38 5.98	NA NA
TNF-related activation-induced cytokine Thymic stromal lymphopoietin				5.86 1.09	5.98 1.09	NA NA
Tumor necrosis factor				8.93	9.02	NA
	1					NA
Urokinase-type plasminogen activator				9.98	10.07	INZA

Table 15: Men table for biomarkers significance, medicine Ibux 200 mg

Protein	No correction	Benjamini	Bonferroni	Avg Medicated	Avg Healthy	Imag
Adenosine Deaminase Artemin	str			5.07	5.16	NA NA
Artemin Axin-1				0.05 1.13	0.11 1.18	NA NA
Brain-derived neurotrophic factor				4.74	4.69	NA
Beta-nerve growth factor				1.88	1.93	NA
Caspase-8				1.44	1.44	NA
Eotaxin				7.94	7.89	NA
C-C motif chemokine 19				9.52	9.37	NA
C-C motif chemokine 20				6.09	6.07	NA
C-C motif chemokine 23				9.47	9.34	NA
C-C motif chemokine 25 C-C motif chemokine 28				6.31 0.88	6.15 0.83	NA NA
C-C motif chemokine 3				2.31	2.23	NA
C-C motif chemokine 4				6.6	6.56	NA
Natural killer cell receptor 2B4				6.34	6.38	NA
CD40L receptor				9.22	9.29	NA
T-cell surface glycoprotein CD5	w			3.93	4.06	NA
T cell surface glycoprotein CD6 isoform				3.64	3.65	NA
CUB domain-containing protein 1				2.39 7.87	2.43	NA NA
Macrophage colony-stimulating factor 1 Cystatin D				6.75	7.87 6.89	NA
Fractalkine				6.54	6.51	NA
C-X-C motif chemokine 1				8.64	8.69	NA
C-X-C motif chemokine 10				9.59	9.48	NA
C-X-C motif chemokine 11				7.53	7.06	NA
C-X-C motif chemokine 5				12.18	12.09	NA
C-X-C motif chemokine 6				9.19	9.06	NA
C-X-C motif chemokine 9				7.62	7.28	NA
Delta and Notch-like epidermal growth factor-related receptor				7.28	7.35 5.96	NA NA
Eukaryotic translation initiation factor 4E-binding protein 1 Protein S100-A12				5.85 5.1	5.96 5.13	NA NA
Fibroblast growth factor 19				8.02	7.86	NA
Fibroblast growth factor 21				2.68	3.19	NA
Fibroblast growth factor 23				2.61	2.67	NA
Fibroblast growth factor 5				1.32	1.43	NA
Fms-related tyrosine kinase 3 ligand				8.8	8.79	NA
Glial cell line-derived neurotrophic factor				2.14	2.18	NA
Hepatocyte growth factor				7.84	7.78	NA
Interferon gamma				1.01	1	NA
Interleukin-10 Interleukin-10 receptor subunit alpha				4.34 1.37	4.14 1.44	NA NA
Interleukin-10 receptor subunit appia				7.57	7.61	NA
Interleukin-12 subunit beta				4.76	4.81	NA
Interleukin-13				1.61	1.63	NA
Interleukin-15 receptor subunit alpha				1.35	1.31	NA
Interleukin-17A				0.73	0.86	NA
Interleukin-17C				1.84	1.74	NA
Interleukin-18				7.06	7.06	NA
Interleukin-18 receptor 1				7.56	7.61	NA
Interleukin-1 alpha Interleukin-2	ste ste ste ste	ster ster ster	ske ske ske ske	1.66 1.22	1.76 1.22	NA NA
Interleukin-20				0.82	0.85	NA
Interleukin-20 receptor subunit alpha	***	skr skr	ŵ	0.9	0.99	NA
Interleukin-22 receptor subunit alpha-1	who who who	***	* * * *	2.26	2.26	NA
Interleukin-24	w w	w		1.35	1.42	NA
Interleukin-2 receptor subunit beta	***	ste ste ste ste	***	0.85	0.89	NA
Interleukin-33	***	***	***	1.43	1.46	NA
Interleukin-4				1.59	1.41	NA
Interleukin-5				1.88	2.05	NA
Interleukin-6 Interleukin-7				2.91 5.19	2.88 5.27	NA NA
Interleukin-7 Interleukin-8				7.53	7.55	NA
Leukemia inhibitory factor				0.85	0.91	NA
Leukemia inhibitory factor receptor				3.38	3.4	NA
Monocyte chemotactic protein 1				9.94	10	NA
Monocyte chemotactic protein 2				10.15	9.99	NA
Monocyte chemotactic protein 3				2.1	2.24	NA
Monocyte chemotactic protein 4				3.58	3.43	NA
Matrix metalloproteinase-1				6.81	6.83	NA NA
Matrix metalloproteinase-10 Neurturin	ste ste ste ste	the the the	ste ste	8.91 1.13	8.84 1.21	NA NA
Neurotrophin-3				2.25	2.18	NA
Osteoprotegerin				9.7	9.68	NA
Oncostatin-M				4.59	4.39	NA
Programmed cell death 1 ligand 1				5.08	5.07	NA
Stem cell factor				9.23	9.28	NA
SIR2-like protein 2				2.92	2.99	NA
Signaling lymphocytic activation molecule				3.19	3.21	NA
Sulfotransferase 1A1				2.03	2.03	NA
STAM-binding protein				2.65 3.59	2.73 3.56	NA NA
Transforming growth factor alpha Latency-associated peptide transforming growth factor beta-1				3.59 8.05	3.56 8.09	NA NA
Latency-associated peptide transforming growth factor beta-1 Tumor necrosis factor	*			0.85	0.93	NA
				3.93	3.99	NA
TNF-beta				7.13	7.2	NA
				4.56	4.6	NA
TNF-beta Tumor necrosis factor receptor superfamily member 9 Tumor necrosis factor ligand superfamily member 14						
Tumor necrosis factor receptor superfamily member 9 Tumor necrosis factor ligand superfamily member 14				8.41	8.38	NA
Tumor necrosis factor receptor superfamily member 9						NA NA
Tumor necrosis factor receptor superfamily member 9 Tumor necrosis factor ligand superfamily member 14 TNF-related apoptosis-inducing ligand TNF-related activation-induced cytokine Thymic stromal lymphopoietin	ater ater ater	the tile tile	ste ste ste	8.41 5.89 1.08	8.38 5.98 1.09	NA NA
Tumor necrosis factor receptor superfamily member 9 Tumor necrosis factor ligand superfamily member 14 TNF-related apoptosis-inducing ligand	ste ste ste ste	ste ste ste ste	where where where	8.41 5.89	8.38 5.98	NA

Table 16: Men table for biomarkers significance, medicine Zyrtec

Protein	No correction	Benjamini	Bonferroni	Avg Medicated	Avg Healthy	Image
Adenosine Deaminase				5.18	5.16	NA
Artemin	ste ste ste	w w	ste ste	0.04	0.11	NA
Axin-1				1.15	1.18	NA
Brain-derived neurotrophic factor				5	4.69	NA
Beta-nerve growth factor				1.95	1.93	NA
Caspase-8				1.52	1.44	NA
Eotaxin				7.84	7.89	NA
C-C motif chemokine 19				9.33	9.37	NA
C-C motif chemokine 20				6.02	6.07	NA
C-C motif chemokine 23				9.53	9.34	NA
C-C motif chemokine 25				6.21	6.15	NA
C-C motif chemokine 28				0.73	0.83	NA
C-C motif chemokine 3				2.23	2.23	NA
C-C motif chemokine 4				6.48	6.56	NA
Natural killer cell receptor 2B4				6.46	6.38	NA
CD40L receptor				9.28	9.29	NA
T-cell surface glycoprotein CD5				4.07	4.06	NA
T cell surface glycoprotein CD6 isoform				3.79	3.65	NA
CUB domain-containing protein 1				2.5	2.43	NA
Macrophage colony-stimulating factor 1				7.9	7.87	NA
Cystatin D				6.9	6.89	NA
Fractalkine				6.57		NA
					6.51	
C-X-C motif chemokine 1				8.66	8.69	NA
C-X-C motif chemokine 10				9.48	9.48	NA
C-X-C motif chemokine 11				7.18	7.06	NA
C-X-C motif chemokine 5				12.06	12.09	NA
C-X-C motif chemokine 6				9.07	9.06	NA
C-X-C motif chemokine 9				7.37	7.28	NA
Delta and Notch-like epidermal growth factor-related receptor				7.33	7.35	NA
Eukaryotic translation initiation factor 4E-binding protein 1				5.87	5.96	NA
Protein S100-A12				5.34	5.13	NA
Fibroblast growth factor 19				7.64	7.86	NA
Fibroblast growth factor 21				2.77	3.19	NA
Fibroblast growth factor 23				2.65	2.67	NA
Fibroblast growth factor 5				1.41	1.43	NA
Fms-related tyrosine kinase 3 ligand				8.62	8.79	NA
Glial cell line-derived neurotrophic factor				2.27	2.18	NA
Hepatocyte growth factor				7.73	7.78	NA
Interferon gamma	de de de de	ste ste ste	* * * *	0.99	1	NA
Interleukin-10				4.17	4.14	NA
Interleukin-10 receptor subunit alpha				1.67	1.44	NA
Interleukin-10 receptor subunit beta				7.61	7.61	NA
Interleukin-12 subunit beta				4.93	4.81	NA
Interleukin-13				1.89	1.63	NA
Interleukin-15 receptor subunit alpha				1.36	1.31	NA
Interleukin-17A				0.98	0.86	NA
Interleukin-17C				2.02	1.74	NA
Interleukin-176	w			7.22	7.06	NA
Interleukin-18 Interleukin-18 receptor 1				7.57	7.61	NA
Interleukin-1 alpha	ste ste ste ste	de de de de		1.75	1.76	NA
Interleukin-2	****	www	***	1.22	1.22	NA
Interleukin-20				0.9	0.85	NA
Interleukin-20 receptor subunit alpha				0.94	0.99	NA
Interleukin-22 receptor subunit alpha-1	***	str str str	shr shr shr shr	2.26	2.26	NA
Interleukin-24	*			1.36	1.42	NA
Interleukin-2 receptor subunit beta				0.88	0.89	NA
Interleukin-33	* * * *	***	* * * *	1.43	1.46	NA
Interleukin-4				1.78	1.41	NA
Interleukin-5				2.03	2.05	NA
Interleukin-6				2.95	2.88	NA
Interleukin-7				5.26	5.27	NA
Interleukin-8				7.49	7.55	NA
Leukemia inhibitory factor	***	* * * *	skr skr skr	0.81	0.91	NA
Leukemia inhibitory factor receptor				3.44	3.4	NA
Monocyte chemotactic protein 1				10.04	10	NA
Monocyte chemotactic protein 2				10.16	9.99	NA
Monocyte chemotactic protein 3				2.2	2.24	NA
Monocyte chemotactic protein 4				3.65	3.43	NA
Matrix metalloproteinase-1				7.04	6.83	NA
Matrix metalloproteinase-1				9.15	8.84	NA
Neurturin				1.15	1.21	NA
Neurotrophin-3				2.24	2.18	NA NA
Osteoprotegerin				9.71	9.68	NA
Oncostatin-M				4.36	4.39	NA
Programmed cell death 1 ligand 1				5.13	5.07	NA
Stem cell factor				9.26	9.28	NA
SIR2-like protein 2				2.95	2.99	NA
Signaling lymphocytic activation molecule	*			3.38	3.21	NA
Sulfotransferase 1A1				1.98	2.03	NA
STAM-binding protein				2.64	2.73	NA
Transforming growth factor alpha				3.5	3.56	NA
Latency-associated peptide transforming growth factor beta-1				8.09	8.09	NA
Tumor necrosis factor	ste ste ste	w w		0.84	0.93	NA
				3.84	3.99	NA
TNF-beta	1			7.21	7.2	NA
				4.47	4.6	NA
Tumor necrosis factor receptor superfamily member 9						
Tumor necrosis factor receptor superfamily member 9 Tumor necrosis factor ligand superfamily member 14				8.45	8.38	NA
Tumor necrosis factor receptor superfamily member 9 Tumor necrosis factor ligand superfamily member 14 TNF-related apoptosis-inducing ligand				8.45 5.99	8.38 5.98	NA NA
Tumor necrosis factor receptor superfamily member 9 Tumor necrosis factor ligand superfamily member 14 TNF-related apoptosis-inducing ligand TNF-related activation-induced cytokine	the the the the	***	de de de de			
Tumor necrosis factor receptor superfamily member 9 Tumor necrosis factor ligand superfamily member 14 TNF-related apoptosis-inducing ligand TNF-related activation-induced cytokine Thymic stromal lymphopoietin	ster ster ster	***	***	5.99	5.98	NA
TNF-beta Tumor necrosis factor receptor superfamily member 9 Tumor necrosis factor ligand superfamily member 14 TNF-related apoptosis-inducing ligand TNF-related activation-induced cytokine Thymic stromal lymphopoietin Tumor necrosis factor Urokinase-type plasminogen activator	*************************************	w w w	the the the	5.99 1.08	5.98 1.09	NA NA

Table 17: Men table for biomarkers significance, medicine Ventolin

Protein Adamasina Danminasa	No correction	Benjamini	Bonferroni	Avg Medicated	Avg Healthy	Imag
Adenosine Deaminase Artemin				5.03 0.09	5.16 0.11	NA NA
Axin-1				1.3	1.18	NA
Brain-derived neurotrophic factor				4.09	4.69	NA
Beta-nerve growth factor				1.96	1.93	NA
Caspase-8				1.59	1.44	NA
Eotaxin	w			8.11	7.89	NA
C-C motif chemokine 19				9.48	9.37	NA
C-C motif chemokine 20				5.94	6.07	NA
C-C motif chemokine 23				9.45	9.34	NA
C-C motif chemokine 25				6.18	6.15	NA
C-C motif chemokine 28				0.77	0.83	NA
C-C motif chemokine 3				2.3	2.23	NA
C-C motif chemokine 4				6.55	6.56	NA
Natural killer cell receptor 2B4				6.34	6.38	NA
CD40L receptor				9.26	9.29	NA
T-cell surface glycoprotein CD5				4.04	4.06	NA
T cell surface glycoprotein CD6 isoform				3.64	3.65	NA
CUB domain-containing protein 1				2.48	2.43	NA
Macrophage colony-stimulating factor 1				7.86	7.87	NA
Cystatin D				6.79	6.89	NA
Fractalkine				6.63	6.51	NA
C-X-C motif chemokine 1				8.88	8.69	NA
C-X-C motif chemokine 10				9.52	9.48	NA
C-X-C motif chemokine 11				7.24	7.06	NA
C-X-C motif chemokine 5				12.37	12.09	NA
C-X-C motif chemokine 6				9.13	9.06	NA
C-X-C motif chemokine 9				7.28	7.28	NA
Delta and Notch-like epidermal growth factor-related receptor				7.27	7.35	NA
Eukaryotic translation initiation factor 4E-binding protein 1				6.1	5.96	NA NA
Protein S100-A12				5.39	5.13	NA NA
Fibroblast growth factor 19 Fibroblast growth factor 21				7.89 3.13	7.86 3.19	NA NA
Fibroblast growth factor 23				2.59	2.67	NA
Fibroblast growth factor 5				1.49	1.43	NA
Fms-related tyrosine kinase 3 ligand				8.8	8.79	NA
Glial cell line-derived neurotrophic factor				2.06	2.18	NA
Hepatocyte growth factor				7.88	7.78	NA
Interferon gamma				1.02	1	NA
Interleukin-10				4.08	4.14	NA
Interleukin-10 receptor subunit alpha				1.63	1.44	NA
Interleukin-10 receptor subunit beta				7.6	7.61	NA
Interleukin-12 subunit beta				4.77	4.81	NA
Interleukin-13				1.72	1.63	NA
Interleukin-15 receptor subunit alpha				1.33	1.31	NA
Interleukin-17A				0.76	0.86	NA
Interleukin-17C				1.78	1.74	NA
Interleukin-18				7.14	7.06	NA
Interleukin-18 receptor 1				7.58	7.61	NA
Interleukin-1 alpha				1.82	1.76	NA
Interleukin-2	***	shr shr shr shr	* * * *	1.22	1.22	NA
Interleukin-20	w w	ŵ		0.79	0.85	NA
Interleukin-20 receptor subunit alpha				0.99	0.99	NA
Interleukin-22 receptor subunit alpha-1	***	***	***	2.26	2.26	NA
Interleukin-24				1.42	1.42	NA
Interleukin-2 receptor subunit beta	***	shr shr shr shr	* * * *	0.85	0.89	NA
Interleukin-33				1.57	1.46	NA
Interleukin-4				2.09	1.41	NA
Interleukin-5				2.11	2.05	NA
Interleukin-6				3	2.88	NA
Interleukin-7				5.17	5.27	NA
Interleukin-8				7.79	7.55	NA
Leukemia inhibitory factor	***	w w	ww	0.81	0.91	NA
Leukemia inhibitory factor receptor				3.4	3.4	NA
Monocyte chemotactic protein 1				10.17	10	NA
Monocyte chemotactic protein 2				10.1	9.99	NA
Monocyte chemotactic protein 3				2.24	2.24	NA
Monocyte chemotactic protein 4				3.65	3.43	NA
Matrix metalloproteinase-1				6.98	6.83	NA
Matrix metalloproteinase-10				8.78	8.84	NA
Neurturin				1.23	1.21	NA
Neurotrophin-3	*			2.04	2.18	NA
				9.58	9.68	NA
Osteoprotegerin				4.57	4.39	NA
				5.06	5.07	NA
Oncostatin-M						NA
Oncostatin-M Programmed cell death 1 ligand 1					9.28	
Oncostatin-M Programmed cell death 1 ligand 1 Stem cell factor				9.28	9.28 2.99	NA
Oncostatin-M Programmed cell death 1 ligand 1 Stem cell factor SIR2-like protein 2				9.28 3.09	2.99	NA NA
Oncostatin-M Programmed cell death 1 ligand 1 Stem cell factor SIR2-like protein 2 Signaling lymphocytic activation molecule				9.28 3.09 3.22	2.99 3.21	NA
Oncostatin-M Programmed cell death 1 ligand 1 Stem cell factor SIR2-like protein 2 Signaling lymphocytic activation molecule Sulfotransferase 1A1				9.28 3.09 3.22 2.16	2.99 3.21 2.03	NA NA
Oncostatin-M Programmed cell death 1 ligand 1 Stem cell factor SIR2-like protein 2 Signaling lymphocytic activation molecule Sulfotransferase 1A1 STAM-binding protein				9.28 3.09 3.22 2.16 2.82	2.99 3.21 2.03 2.73	NA NA NA
Oncostatin-M Programmed cell death 1 ligand 1 Stem cell factor SIR2-like protein 2 Signaling lymphocytic activation molecule Sulfortansferase 1A1 STAM-binding protein Transforming growth factor alpha				9.28 3.09 3.22 2.16 2.82 3.68	2.99 3.21 2.03 2.73 3.56	NA NA NA
Oncostatin-M Programmed cell death 1 ligand 1 Stem cell factor SIR2-like protein 2 Signaling lymphocytic activation molecule Sulforransferase 1A1 STAM-binding protein Transforming growth factor alpha Latency-associated peptide transforming growth factor beta-1				9.28 3.09 3.22 2.16 2.82 3.68 8.1	2.99 3.21 2.03 2.73 3.56 8.09	NA NA NA NA
Oncostatin-M Programmed cell death 1 ligand 1 Stem cell factor SIR2-like protein 2 Signaling lymphocytic activation molecule Sulfotransferase 1A1 STAM-binding protein Transforming growth factor alpha Latency-associated peptide transforming growth factor beta-1 Fumor necrosis factor				9.28 3.09 3.22 2.16 2.82 3.68 8.1 0.99	2.99 3.21 2.03 2.73 3.56 8.09 0.93	NA NA NA NA NA
Oncostatin-M Programmed cell death 1 ligand 1 Stem cell factor SIR2-like protein 2 Signaling lymphocytic activation molecule Sulfotransferase 1A1 STAM-binding protein Transforming growth factor alpha Latency-associated peptide transforming growth factor beta-1 Tumor necrosis factor				9.28 3.09 3.22 2.16 2.82 3.68 8.1 0.99 3.92	2.99 3.21 2.03 2.73 3.56 8.09 0.93 3.99	NA NA NA NA NA NA
Oncostatin-M Programmed cell death 1 ligand 1 Stem cell factor SIR2-like protein 2 Signaling lymphocytic activation molecule Sulforransferase 1A1 STAM-binding protein Transforming growth factor alpha Latency-associated peptide transforming growth factor beta-1 Tumor necrosis factor TNF-beta Tumor necrosis factor				9.28 3.09 3.22 2.16 2.82 3.68 8.1 0.99 3.92 7.15	2.99 3.21 2.03 2.73 3.56 8.09 0.93 3.99 7.2	NA NA NA NA NA NA
Oncostatin-M Programmed cell death 1 ligand 1 Stem cell factor SIR2-like protein 2 Signaling lymphocytic activation molecule Sulfortansferase 1A1 STAM-binding protein Fransforming growth factor alpha Latency-associated peptide transforming growth factor beta-1 Fumor necrosis factor FNF-beta Fumor necrosis factor receptor superfamily member 9 Fumor necrosis factor ligand superfamily member 14				9.28 3.09 3.22 2.16 2.82 3.68 8.1 0.99 3.92 7.15 4.62	2.99 3.21 2.03 2.73 3.56 8.09 0.93 3.99 7.2 4.6	NA
Oncostatin-M Programmed cell death 1 ligand 1 Stem cell factor SIR2-like protein 2 Signaling lymphocytic activation molecule Sulfotransferase 1A1 STAM-binding protein Transforming growth factor alpha Latency-associated peptide transforming growth factor beta-1 Tumor necrosis factor TNF-beta Tumor necrosis factor receptor superfamily member 9 Tumor necrosis factor ligand superfamily member 14 TNF-related apoptosis-inducing ligand				9.28 3.09 3.22 2.16 2.82 3.68 8.1 0.99 3.92 7.15 4.62 8.37	2.99 3.21 2.03 2.73 3.56 8.09 0.93 3.99 7.2 4.6 8.38	NA
Oncostatin-M Programmed cell death 1 ligand 1 Stem cell factor SIR2-like protein 2 Signaling lymphocytic activation molecule Sulfotransferase 1A1 STAM-binding protein Transforming growth factor alpha Latency-associated peptide transforming growth factor beta-1 Tumor necrosis factor TNF-beta Tumor necrosis factor receptor superfamily member 9 Tumor necrosis factor ligand superfamily member 14 TNF-related apoptosis-inducing ligand TNF-related activation-induced cytokine				9.28 3.09 3.22 2.16 2.82 3.68 8.1 0.99 3.92 7.15 4.62 8.37 5.95	2.99 3.21 2.03 2.73 3.56 8.09 0.93 3.99 7.2 4.6 8.38 5.98	NA
Osteoprotegerin Oncostatin-M Programmed cell death 1 ligand 1 Stem cell factor SIR2-like protein 2 Signaling lymphocytic activation molecule Sulfotransferase 1A1 STAM-binding protein Transforming growth factor alpha Latency-associated peptide transforming growth factor beta-1 Tumor necrosis factor TNF-beta Tumor necrosis factor receptor superfamily member 9 Tumor necrosis factor receptor superfamily member 14 TNF-related apoptosis-inducing ligand TNF-related activation-induced cytokine Thymic stromal lymphopoietin				9.28 3.09 3.22 2.16 2.82 3.68 8.1 0.99 3.92 7.15 4.62 8.37 5.95 1.08	2.99 3.21 2.03 2.73 3.56 8.09 0.93 3.99 7.2 4.6 8.38 5.98 1.09	NA N
Oncostatin-M Programmed cell death 1 ligand 1 Stem cell factor SIR2-like protein 2 Signaling lymphocytic activation molecule Sulfotransferase 1A1 STAM-binding protein Transforming growth factor alpha Latency-associated peptide transforming growth factor beta-1 Tumor necrosis factor TNF-beta Tumor necrosis factor receptor superfamily member 9 Tumor necrosis factor ligand superfamily member 14 TNF-related apoptosis-inducing ligand TNF-related activation-induced cytokine				9.28 3.09 3.22 2.16 2.82 3.68 8.1 0.99 3.92 7.15 4.62 8.37 5.95	2.99 3.21 2.03 2.73 3.56 8.09 0.93 3.99 7.2 4.6 8.38 5.98	NA

 Table 18: Men table for biomarkers significance, medicine Cetrizin

Protein Adaposina Desminasa	No correction	Benjamini	Bonferroni	Avg Medicated	Avg Healthy	Ima
Adenosine Deaminase Artemin				5.1 0.11	5.16 0.11	NA NA
Axin-1				1.43	1.18	NA
Brain-derived neurotrophic factor				5.02	4.69	NA
Beta-nerve growth factor				1.94	1.93	NA
Caspase-8				1.56	1.44	NA
Eotaxin				8.1	7.89	NA
C-C motif chemokine 19				9.62	9.37	NA
C-C motif chemokine 20				5.93	6.07	NA
C-C motif chemokine 23				9.44	9.34	NA
C-C motif chemokine 25				6.29	6.15	NA
C-C motif chemokine 28				0.8	0.83	NA
C-C motif chemokine 3				2.4	2.23	NA
C-C motif chemokine 4				6.76	6.56	NA
Natural killer cell receptor 2B4				6.36	6.38	NA
CD40L receptor				9.39	9.29	NA
T-cell surface glycoprotein CD5				4.08	4.06	NA
T cell surface glycoprotein CD6 isoform				3.56	3.65	NA
CUB domain-containing protein 1				2.52	2.43	NA
Macrophage colony-stimulating factor 1				7.95	7.87	NA
Cystatin D				6.72	6.89	NA
Fractalkine				6.42	6.51	NA
C-X-C motif chemokine 1				8.81	8.69	NA
C-X-C motif chemokine 10				9.78	9.48	NA
C-X-C motif chemokine 11				7.18	7.06	NA
C-X-C motif chemokine 5				12.4	12.09	NA
C-X-C motif chemokine 6				9.08	9.06	NA
C-X-C motif chemokine 9				7.33	7.28	NA
Delta and Notch-like epidermal growth factor-related receptor	1			7.42	7.35	NA
Eukaryotic translation initiation factor 4E-binding protein 1	1			5.92	5.96	NA
Protein S100-A12	1			5.6	5.13	NA
Fibroblast growth factor 19				8.45	7.86	NA
Fibroblast growth factor 21	1			3.13	3.19	NA
Fibroblast growth factor 23				2.7	2.67	NA
Fibroblast growth factor 5				1.33	1.43	NA
Fms-related tyrosine kinase 3 ligand				8.76	8.79	NA
Glial cell line-derived neurotrophic factor				2.23	2.18	NA
Hepatocyte growth factor				8.12	7.78	NA
Interferon gamma	***	***	***	0.99	1	NA
Interleukin-10				4.31	4.14	NA
nterleukin-10 receptor subunit alpha				1.73	1.44	NA
Interleukin-10 receptor subunit beta	1			7.76	7.61	NA
Interleukin-12 subunit beta				4.88	4.81	NA
Interleukin-13	sk sk	w		1.54	1.63	NA
Interleukin-15 receptor subunit alpha				1.44	1.31	NA
Interleukin-17A				1.02	0.86	NA
Interleukin-17C				1.91	1.74	NA
Interleukin-18				7.15	7.06	NA
Interleukin-18 receptor 1				7.87	7.61	NA
Interleukin-1 alpha				1.92	1.76	NA
Interleukin-2	she she she she	***	***	1.22	1.22	NA
Interleukin-20	w			0.8	0.85	NA
Interleukin-20 receptor subunit alpha				0.97	0.99	NA
Interleukin-22 receptor subunit alpha-1	***	***	***	2.26	2.26	NA
Interleukin-24				1.39	1.42	NA
Interleukin-2 receptor subunit beta	***	***	***	0.85	0.89	NA
Interleukin-33	***	sk sk sk sk	***	1.43	1.46	NA
Interleukin-4				2.45	1.41	NA
Interleukin-5				1.89	2.05	NA
Interleukin-6	1			3	2.88	NA
Interleukin-7	1			5.3	5.27	NA
Interleukin-8	1			7.63	7.55	NA
Leukemia inhibitory factor	1			1.01	0.91	NA
Leukemia inhibitory factor receptor	1			3.54	3.4	NA
Monocyte chemotactic protein 1	1			10.24	10	NA
Monocyte chemotactic protein 2	1			10.18	9.99	NA
Monocyte chemotactic protein 3	1			2.25	2.24	NA
Monocyte chemotactic protein 4	1			3.67	3.43	NA
Matrix metalloproteinase-1	1			7.18	6.83	NA
Matrix metalloproteinase-10				9.06	8.84	NA
Neurturin	she who who	ste ste ste ste	ste ste ste ste	1.12	1.21	NA
Neurotrophin-3				2.1	2.18	NA
Osteoprotegerin	*			9.82	9.68	NA
Oncostatin-M	*			5.16	4.39	NA
	1			5.03	5.07	NA
Programmed cell death 1 ligand 1	1			9.32	9.28	NA
	f.			2.91	2.99	NA
Stem cell factor				3.25	3.21	NA
Stem cell factor SIR2-like protein 2						NA
Stem cell factor SIR2-like protein 2 Signaling lymphocytic activation molecule				2.06	2.03	. 427
Stem cell factor SIR2-like protein 2 Signaling lymphocytic activation molecule Sulfotransferase 1A1				2.06	2.03	NIA
Stem cell factor SIR2-like protein 2 Signalling lymphocytic activation molecule Sulfotransferase 1A1 STAM-binding protein				2.77	2.73	NA NA
Stem cell factor SIR2-like protein 2 Signaling lymphocytic activation molecule Sulfotransferase 1A1 STAM-binding protein Gransforming growth factor alpha				2.77 4.15	2.73 3.56	NA
Stem cell factor STR2-like protein 2 Signalling lymphocytic activation molecule Sulfotransferase 1A1 STAM-binding protein Transforming growth factor alpha Latency-associated peptide transforming growth factor beta-1				2.77 4.15 8.12	2.73 3.56 8.09	NA NA
Stem cell factor SIR2-like protein 2 Signaling lymphocytic activation molecule Sulfotransferase 1A1 STAM-binding protein Transforming growth factor alpha .atency-associated peptide transforming growth factor beta-1 Fumor necrosis factor	***	ww.		2.77 4.15 8.12 0.84	2.73 3.56 8.09 0.93	NA NA NA
Stem cell factor SIR2-like protein 2 Signaling lymphocytic activation molecule Sulfotransferase 1A1 STAM-binding protein Fransforming growth factor alpha Latency-associated peptide transforming growth factor beta-1 Fumor necrosis factor	***	ste ste		2.77 4.15 8.12 0.84 4.11	2.73 3.56 8.09 0.93 3.99	NA NA NA
Stem cell factor SIR2-like protein 2 Signaling lymphocytic activation molecule Sulforransferase 1A1 STAM-binding protein Fransforming growth factor alpha Latency-associated peptide transforming growth factor beta-1 Fumor necrosis factor ITMF-beta Fumor necrosis factor receptor superfamily member 9	***	ster ste		2.77 4.15 8.12 0.84 4.11 7.15	2.73 3.56 8.09 0.93 3.99 7.2	NA NA NA NA
Stem cell factor SIR2-like protein 2 Signaling lymphocytic activation molecule Sulfotransferase 1A1 STAM-binding protein Fransforming growth factor alpha Latency-associated peptide transforming growth factor beta-1 Fumor necrosis factor FINF-beta Fumor necrosis factor receptor superfamily member 9 Fumor necrosis factor ligand superfamily member 14	W W W	sh-sh-		2.77 4.15 8.12 0.84 4.11 7.15 4.74	2.73 3.56 8.09 0.93 3.99 7.2 4.6	NA NA NA NA NA
Programmed cell death 1 ligand 1 Stem cell factor SIR2-like protein 2 Signaling lymphocytic activation molecule Sulfotransferase 1A1 STAM-binding protein Transforming growth factor alpha Latency-associated peptide transforming growth factor beta-1 Tumor necrosis factor TNF-beta Tumor necrosis factor receptor superfamily member 9 Tumor necrosis factor ligand superfamily member 14 TNF-related apoptosis-inducing ligand	***	ww.		2.77 4.15 8.12 0.84 4.11 7.15 4.74 8.47	2.73 3.56 8.09 0.93 3.99 7.2 4.6 8.38	NA NA NA NA NA NA
Stem cell factor SIR2-like protein 2 Signaling lymphocytic activation molecule Sulfotransferase 1A1 STAM-binding protein Transforming growth factor alpha Latency-associated peptide transforming growth factor beta-1 Fumor necrosis factor FNF-beta Fumor necrosis factor receptor superfamily member 9 Fumor necrosis factor ligand superfamily member 14 TNF-related apoptosis-inducing ligand FNF-related activation-induced cytokine				2.77 4.15 8.12 0.84 4.11 7.15 4.74 8.47 5.88	2.73 3.56 8.09 0.93 3.99 7.2 4.6 8.38 5.98	NA NA NA NA NA NA
Stem cell factor SIR2-like protein 2 Signaling lymphocytic activation molecule Sulfotransferase 1A1 STAM-binding protein Fransforming growth factor alpha Latency-associated peptide transforming growth factor beta-1 Fumor necrosis factor IVMF-beta Fumor necrosis factor receptor superfamily member 9 Fumor necrosis factor ligand superfamily member 14 FINF-related apoptosis-inducing ligand IVMF-related activation-induced cytokine Flymic stromal lymphopoietin	***	**	张张尔 敦	2.77 4.15 8.12 0.84 4.11 7.15 4.74 8.47 5.88 1.08	2.73 3.56 8.09 0.93 3.99 7.2 4.6 8.38 5.98 1.09	NA NA NA NA NA NA NA NA NA
Stem cell factor SIR2-like protein 2 Signaling lymphocytic activation molecule Sulfotransferase 1A1 STAM-binding protein Transforming growth factor alpha Latency-associated peptide transforming growth factor beta-1 Fumor necrosis factor FNF-beta Fumor necrosis factor receptor superfamily member 9 Fumor necrosis factor ligand superfamily member 14 TNF-related apoptosis-inducing ligand FNF-related activation-induced cytokine			***	2.77 4.15 8.12 0.84 4.11 7.15 4.74 8.47 5.88	2.73 3.56 8.09 0.93 3.99 7.2 4.6 8.38 5.98	NA NA NA NA NA NA

 Table 19: Men table for biomarkers significance, medicine Symbicort

Protein	No correction	Benjamini	Bonferroni	Avg Medicated	Avg Healthy	Imag
Adenosine Deaminase	str			4.86	5.16	NA
Artemin	ste ste ste ste	***	ste ste ste ste	0.03	0.11	NA
Axin-1				1.12	1.18	NA
Brain-derived neurotrophic factor				4.48	4.69	NA
Beta-nerve growth factor				1.86	1.93	NA
Caspase-8				1.44	1.44	NA
Eotaxin				7.94	7.89	NA
C-C motif chemokine 19				9.72	9.37	NA
C-C motif chemokine 20				6.41	6.07	NA
C-C motif chemokine 23				9.25	9.34	NA
C-C motif chemokine 25				6.17	6.15	NA
C-C motif chemokine 28				0.73	0.83	NA
C-C motif chemokine 3				2.44	2.23	NA
C-C motif chemokine 4				6.94	6.56	NA
Natural killer cell receptor 2B4				6.35	6.38	NA
CD40L receptor				9.29	9.29	NA
T-cell surface glycoprotein CD5				4.06	4.06	NA
T cell surface glycoprotein CD6 isoform				3.48	3.65	NA
CUB domain-containing protein 1				2.54	2.43	NA
Macrophage colony-stimulating factor 1				8	7.87	NA
Cystatin D				6.95	6.89	NA
Fractalkine				6.54	6.51	NA
C-X-C motif chemokine 1				9.16	8.69	NA
C-X-C motif chemokine 10				10.03	9.48	NA
C-X-C motif chemokine 11				7.35	7.06	NA
C-X-C motif chemokine 5				12.61	12.09	NA
C-X-C motif chemokine 6				9.21	9.06	NA
C-X-C motif chemokine 9				7.83	7.28	NA
Delta and Notch-like epidermal growth factor-related receptor				7.33	7.35	NA
Eukaryotic translation initiation factor 4E-binding protein 1				6	5.96	NA
Protein S100-A12				5.28	5.13	NA
Fibroblast growth factor 19				8.08	7.86	NA
Fibroblast growth factor 21	w			4.29	3.19	NA
Fibroblast growth factor 23				2.89	2.67	NA
Fibroblast growth factor 5				1.45	1.43	NA
Fms-related tyrosine kinase 3 ligand				9.04	8.79	NA
Glial cell line-derived neurotrophic factor				2.32	2.18	NA
Hepatocyte growth factor	w			8.11	7.78	NA
Interferon gamma	ske ske ske ske	***	* * * *	0.99	1	NA
Interleukin-10				4.14	4.14	NA
Interleukin-10 receptor subunit alpha				1.18	1.44	NA
Interleukin-10 receptor subunit beta				7.71	7.61	NA
Interleukin-12 subunit beta				4.99	4.81	NA
Interleukin-13	***	***	***	1.54	1.63	NA
Interleukin-15 receptor subunit alpha				1.37	1.31	NA
Interleukin-17A				0.92	0.86	NA
Interleukin-17C				1.81	1.74	NA
Interleukin-18				7.13	7.06	NA
Interleukin-18 receptor 1				7.91	7.61	NA
Interleukin-1 alpha	the the the the	skr skr skr skr	shr shr shr shr	1.8	1.76	NA
Interleukin-2	the the the the	skr skr skr skr	shr shr shr shr	1.22	1.22	NA
Interleukin-20				0.83	0.85	NA
Interleukin-20 receptor subunit alpha	w			0.91	0.99	NA
Interleukin-22 receptor subunit alpha-1	***	***	***	2.26	2.26	NA
Interleukin-24	w w	*		1.35	1.42	NA
Interleukin-2 receptor subunit beta	***	***	***	0.85	0.89	NA
Interleukin-33				1.44	1.46	NIA
						N/A
Interleukin-4				1.63	1.41	NA
Interleukin-5				2.27	2.05	NA
Interleukin-6				3.05	2.88	NA
Interleukin-7				5.28	5.27	NA
Interleukin-8				7.61	7.55	NA
Leukemia inhibitory factor				0.91	0.91	NA
Leukemia inhibitory factor receptor				3.48	3.4	NA
Monocyte chemotactic protein 1				10.1	10	NA
Monocyte chemotactic protein 2				10.2	9.99	NA
Monocyte chemotactic protein 3				2.57	2.24	NA
Monocyte chemotactic protein 4				3.58	3.43	NA
Matrix metalloproteinase-1				6.88	6.83	NA
Matrix metalloproteinase-10				8.7	8.84	NA
Neurturin				1.19	1.21	NA
Neurotrophin-3				2.06	2.18	NA
Osteoprotegerin				9.85	9.68	NA
Oncostatin-M				4.64	4.39	NA
Programmed cell death 1 ligand 1				5.18	5.07	NA
Stem cell factor				9.23	9.28	NA
SIR2-like protein 2				3.08	2.99	NA
Signaling lymphocytic activation molecule				3.15	3.21	NA
Sulfotransferase 1A1				1.93	2.03	NA
STAM-binding protein				2.7	2.73	NA
Transforming growth factor alpha	skr			3.86	3.56	NA
Latency-associated peptide transforming growth factor beta-1				8.27	8.09	NA
Tumor necrosis factor	***	***	***	0.84	0.93	NA
ΓNF-beta				4.06	3.99	NA
Tumor necrosis factor receptor superfamily member 9				7.24	7.2	NA
Tumor necrosis factor ligand superfamily member 14				4.78	4.6	NA
TNF-related apoptosis-inducing ligand	*			8.59	8.38	NA
apoptoon madeing ngand				6.17	5.98	NA
TNE related activation induced artistics				0.17	3.70	14/4
				1 11	1.00	NT A
TNF-related activation-induced cytokine Thymic stromal lymphopoietin Tumor necrosis factor				1.11	1.09	NA NA
				1.11 9.06 10.04	1.09 9.02 10.07	NA NA NA

Table 20: Men table for biomarkers significance, medicine Ibux 400 mg

Protein Adamasina Dagminasa	No correction	Benjamini	Bonferroni	Avg Medicated	Avg Healthy	Imag
Adenosine Deaminase Artemin	ste ste ste ste	***	the the the the	5.11 0.03	5.16 0.11	NA NA
Axin-1				1.53	1.18	NA
Brain-derived neurotrophic factor				7.02	4.69	NA
Beta-nerve growth factor				1.81	1.93	NA
Caspase-8				1.74	1.44	NA
Eotaxin				8.11	7.89	NA
C-C motif chemokine 19				9.53	9.37	NA
C-C motif chemokine 20				6.13	6.07	NA
C-C motif chemokine 23 C-C motif chemokine 25				9.34 6.39	9.34 6.15	NA NA
C-C motif chemokine 28				0.85	0.83	NA
C-C motif chemokine 3				2.04	2.23	NA
C-C motif chemokine 4				6.33	6.56	NA
Natural killer cell receptor 2B4				6.42	6.38	NA
CD40L receptor				9.24	9.29	NA
T-cell surface glycoprotein CD5				3.92	4.06	NA
T cell surface glycoprotein CD6 isoform				3.79	3.65	NA
CUB domain-containing protein 1 Macrophage colony-stimulating factor 1				2.4 7.88	2.43 7.87	NA NA
Cystatin D				6.71	6.89	NA
Fractalkine				6.35	6.51	NA
C-X-C motif chemokine 1				8.93	8.69	NA
C-X-C motif chemokine 10				9.64	9.48	NA
C-X-C motif chemokine 11	*			7.42	7.06	NA
C-X-C motif chemokine 5				12.44	12.09	NA
C-X-C motif chemokine 6				9.33	9.06	NA
C-X-C motif chemokine 9				7.48	7.28	NA
Delta and Notch-like epidermal growth factor-related receptor Eukaryotic translation initiation factor 4E-binding protein 1				7.5 5.79	7.35 5.96	NA NA
Protein S100-A12				5.56	5.13	NA
Fibroblast growth factor 19				7.59	7.86	NA
Fibroblast growth factor 21				3.06	3.19	NA
Fibroblast growth factor 23				2.69	2.67	NA
Fibroblast growth factor 5	w w	w		1.31	1.43	NA
Fms-related tyrosine kinase 3 ligand				8.57	8.79	NA
Glial cell line-derived neurotrophic factor				2.27	2.18	NA
Hepatocyte growth factor	ste ste ste ste	ste ste ste ste	ste ste ste ste	7.8	7.78	NA
Interferon gamma Interleukin-10				0.99 4.78	1 4.14	NA NA
Interleukin-10 Interleukin-10 receptor subunit alpha	***	***	ste ste	1.01	1.44	NA
Interleukin-10 receptor subunit beta				7.62	7.61	NA
Interleukin-12 subunit beta				4.94	4.81	NA
Interleukin-13	ste ste ste	***	ste ste ste ste	1.54	1.63	NA
Interleukin-15 receptor subunit alpha				1.31	1.31	NA
Interleukin-17A				1.43	0.86	NA
Interleukin-17C				1.72	1.74	NA
Interleukin-18 Interleukin-18 receptor 1				7.14	7.06	NA
Interleukin-18 receptor 1 Interleukin-1 alpha				7.59 1.44	7.61 1.76	NA NA
Interleukin-2	de de de de	***	***	1.22	1.22	NA
Interleukin-20				0.87	0.85	NA
Interleukin-20 receptor subunit alpha	***	***	ste ste	0.89	0.99	NA
Interleukin-22 receptor subunit alpha-1	* * * *	***	***	2.26	2.26	NA
Interleukin-24				1.37	1.42	NA
Interleukin-2 receptor subunit beta				0.97	0.89	NA
Interleukin-33	***	***	***	1.43	1.46	NA
Interleukin-4				3.22	1.41	NA
Interleukin-5 Interleukin-6				2.78 2.74	2.05 2.88	NA NA
Interleukin-7				5.51	5.27	NA
Interleukin-8				7.62	7.55	NA
Leukemia inhibitory factor	w			0.82	0.91	NA
Leukemia inhibitory factor receptor				3.42	3.4	NA
Monocyte chemotactic protein 1				10.06	10	NA
Monocyte chemotactic protein 2				10.27	9.99	NA
Monocyte chemotactic protein 3				2.67	2.24	NA
Monocyte chemotactic protein 4	w w	w		4.06	3.43	NA
Matrix metalloproteinase-1 Matrix metalloproteinase-10				6.94 8.96	6.83 8.84	NA NA
Neurturin	ste ste ste	ste ste ste	***	1.12	1.21	NA
Neurotrophin-3				2.23	2.18	NA
Osteoprotegerin				9.68	9.68	NA
Oncostatin-M				4.73	4.39	NA
Programmed cell death 1 ligand 1				5.08	5.07	NA
Stem cell factor				9.39	9.28	NA
SIR2-like protein 2				3.36	2.99	NA
Signaling lymphocytic activation molecule				3.21	3.21	NA
Sulfotransferase 1A1				2.91	2.03	NA NA
STAM-binding protein				2.93 4	2.73 3.56	NA NA
Transforming growth factor alpha Latency-associated peptide transforming growth factor beta-1				4 8.3	3.56 8.09	NA NA
Tumor necrosis factor	ste ste ste	ste ste		0.84	0.93	NA
TNF-beta				4.28	3.99	NA
Tumor necrosis factor receptor superfamily member 9				7.05	7.2	NA
Tumor necrosis factor ligand superfamily member 14				4.99	4.6	NA
				8.54	8.38	NA
TNF-related apoptosis-inducing ligand					F 00	NA
TNF-related activation-induced cytokine				6.01	5.98	
TNF-related apoptosis-inducing ligand TNF-related activation-induced cytokine Thymic stromal lymphopoietin	ste ste ste	ste ste ste	* * * *	1.08	1.09	NA
TNF-related activation-induced cytokine	ster ster ster	ste ste ste	ste ste ste			

 Table 21: Men table for biomarkers significance, medicine Seretide

Protein Adapasina Dasminasa	No correction	Benjamini	Bonferroni	Avg Medicated	Avg Healthy	Ima
Adenosine Deaminase Artemin				5.11 0.13	5.16 0.11	NA NA
Axin-1				1.11	1.18	NA
Brain-derived neurotrophic factor				4.94	4.69	NA
Beta-nerve growth factor				2.12	1.93	NA
Caspase-8				1.57	1.44	NA
Eotaxin				8.07	7.89	NA
C-C motif chemokine 19				9.71	9.37	NA
C-C motif chemokine 20				7.23	6.07	NA
C-C motif chemokine 23				9.42	9.34	NA
C-C motif chemokine 25				6.48	6.15	NA
C-C motif chemokine 28				0.82	0.83	NA
C-C motif chemokine 3				2.42	2.23	NA
C-C motif chemokine 4				6.94	6.56	NA
Natural killer cell receptor 2B4				6.37	6.38	NA
CD40L receptor				9.41	9.29	NA
T-cell surface glycoprotein CD5				3.9	4.06	NA
T cell surface glycoprotein CD6 isoform				3.51	3.65	NA
CUB domain-containing protein 1				2.68	2.43	NA
Macrophage colony-stimulating factor 1				7.92	7.87	NA
Cystatin D				6.67	6.89	NA
Fractalkine				6.37	6.51	NA
C-X-C motif chemokine 1				8.51	8.69	NA
C-X-C motif chemokine 10				10.28	9.48	NA
C-X-C motif chemokine 11				8.11	7.06	NA
C-X-C motif chemokine 5				12.33	12.09	NA
C-X-C motif chemokine 6				9.21	9.06	NA
C-X-C motif chemokine 9				8.15	7.28	NA
Delta and Notch-like epidermal growth factor-related receptor				7.36	7.35	NA
Eukaryotic translation initiation factor 4E-binding protein 1				5.76	5.96	NA
Protein S100-A12				5.02	5.13	NA
Fibroblast growth factor 19				8.31	7.86	NA
Fibroblast growth factor 21	ste ste ste	skr skr	skr	2.28	3.19	NA
Fibroblast growth factor 23				2.6	2.67	NA
Fibroblast growth factor 5				1.45	1.43	NA
Fms-related tyrosine kinase 3 ligand				8.74	8.79	NA
Glial cell line-derived neurotrophic factor	w			1.96	2.18	NA
Hepatocyte growth factor				8.05	7.78	NA
Interferon gamma				1.05	1	NA
Interleukin-10				4.43	4.14	NA
Interleukin-10 receptor subunit alpha	w			1.15	1.44	NA
Interleukin-10 receptor subunit beta				7.57	7.61	NA
Interleukin-12 subunit beta				4.98	4.81	NA
Interleukin-13	* * * *	* * * *	***	1.54	1.63	NA
Interleukin-15 receptor subunit alpha				1.39	1.31	NA
Interleukin-17A				0.65	0.86	NA
Interleukin-17C				1.88	1.74	NA
Interleukin-18				7.51	7.06	NA
Interleukin-18 receptor 1				7.73	7.61	NA
Interleukin-1 alpha				1.55	1.76	NA
Interleukin-2	* * * *	* * * *	***	1.22	1.22	NA
Interleukin-20				0.84	0.85	NA
Interleukin-20 receptor subunit alpha				0.93	0.99	NA
Interleukin-22 receptor subunit alpha-1	* * * *	***	* * * *	2.26	2.26	NA
Interleukin-24				1.46	1.42	NA
Interleukin-2 receptor subunit beta	* * * *	***	* * * *	0.85	0.89	NA
Interleukin-33	***	***	***	1.43	1.46	NA
Interleukin-4				1.62	1.41	NA
Interleukin-5				2.32	2.05	NA
Interleukin-6				2.9	2.88	NA
Interleukin-7				5.55	5.27	NA
Interleukin-8				7.88	7.55	NA
Leukemia inhibitory factor				1	0.91	NA
Leukemia inhibitory factor receptor				3.46	3.4	NA
Monocyte chemotactic protein 1				10.12	10	NA
Monocyte chemotactic protein 2	w			10.68	9.99	NA
Monocyte chemotactic protein 3				2.32	2.24	NA
Monocyte chemotactic protein 4				3.87	3.43	NA
Matrix metalloproteinase-1				6.81	6.83	NA
Matrix metalloproteinase-10				9.71	8.84	NA
Neurturin				1.2	1.21	NA
Neurotrophin-3				2.69	2.18	NA
Osteoprotegerin				9.86	9.68	NA
Oncostatin-M				5.02	4.39	NA
Programmed cell death 1 ligand 1				5.26	5.07	NA
Stem cell factor				9.22	9.28	NA
SIR2-like protein 2				2.99	2.99	NA
Signaling lymphocytic activation molecule				3.23	3.21	NA
Sulfotransferase 1A1				2.08	2.03	NA
STAM-binding protein				2.72	2.73	NA
Fransforming growth factor alpha				3.93	3.56	NA
				3.93 8.34	3.56 8.09	NA NA
atency-associated peptide transforming growth factor beta-1	**	**				
Tumor necrosis factor		~ ~		0.84	0.93	NA
l'NF-beta				4.17	3.99	NA
Tumor necrosis factor receptor superfamily member 9				6.99	7.2	NA
Tumor necrosis factor ligand superfamily member 14				4.8	4.6	NA
ΓNF-related apoptosis-inducing ligand				8.36	8.38	NA
				5.34	5.98	NA
INF-related activation-induced cytokine						
I'NF-related activation-induced cytokine I'hymic stromal lymphopoietin	she she she she	the site site the	she she she	1.08	1.09	NA
INF-related activation-induced cytokine	ste ste ste ste	ste ste ste ste	she she she she		1.09 9.02 10.07	NA NA NA

 Table 22: Men table for biomarkers significance, medicine Roaccutan

Protein Adenosine Deaminase	No correction	Benjamini	Bonferroni	Avg Medicated	Avg Healthy	Ima
Adenosine Deaminase Artemin	she she she	ste ste ste ste	the the the	5.35 0.03	5.16 0.11	NA NA
Axin-1				1.28	1.18	NA
Brain-derived neurotrophic factor				3.15	4.69	NA
Beta-nerve growth factor				1.93	1.93	NA
Caspase-8				1.57	1.44	NA
Eotaxin				8.31	7.89	NA
C-C motif chemokine 19				9.73	9.37	NA
C-C motif chemokine 20				6.54	6.07	NA
C-C motif chemokine 23				8.85	9.34	NA
C-C motif chemokine 25				6.77	6.15	NA
C-C motif chemokine 28				3.19	0.83	NA
C-C motif chemokine 3	***	***	* * * *	2.99	2.23	NA
C-C motif chemokine 4				7.42	6.56	NA
Natural killer cell receptor 2B4				6.5	6.38	NA
CD40L receptor				9.59	9.29	NA
T-cell surface glycoprotein CD5				4.3	4.06	NA
T cell surface glycoprotein CD6 isoform	w			3.8	3.65	NA
CUB domain-containing protein 1				2.7	2.43	NA
Macrophage colony-stimulating factor 1				8.09	7.87	NA
Cystatin D				6.87	6.89	NA
Fractalkine				6.93	6.51	NA
C-X-C motif chemokine 1				8.88	8.69	NA
C-X-C motif chemokine 10				9.95	9.48	NA
C-X-C motif chemokine 11				7.61	7.06	NA
C-X-C motif chemokine 5				12.58	12.09	NA
C-X-C motif chemokine 6				8.88	9.06	NA
C-X-C motif chemokine 9				7.67	7.28	NA
Delta and Notch-like epidermal growth factor-related receptor				7.65	7.35	NA
Eukaryotic translation initiation factor 4E-binding protein 1				6.36	5.96	NA
Protein S100-A12				5.45	5.13	NA
Fibroblast growth factor 19				7.38	7.86	NA
Fibroblast growth factor 21				3.43	3.19	NA
Fibroblast growth factor 23				2.83	2.67	NA
Fibroblast growth factor 5	w			1.33	1.43	NA
Fms-related tyrosine kinase 3 ligand				9.06	8.79	NA
Glial cell line-derived neurotrophic factor				2.18	2.18	NA
Hepatocyte growth factor				8.07	7.78	NA
Interferon gamma	***	***	***	0.99	1	NA
Interleukin-10	w			4.47	4.14	NA
Interleukin-10 receptor subunit alpha				1.15	1.44	NA
Interleukin-10 receptor subunit beta				7.88	7.61	NA
Interleukin-12 subunit beta				5.22	4.81	NA
Interleukin-13	***	***	***	1.54	1.63	NA
Interleukin-15 receptor subunit alpha				1.16	1.31	NA
Interleukin-17A				0.99	0.86	NA
Interleukin-17C				1.62	1.74	NA
Interleukin-18				6.94	7.06	NA
Interleukin-18 receptor 1				8.03	7.61	NA
Interleukin-1 alpha	who who who	skr skr skr skr	sk sk sk sk	1.8	1.76	NA
Interleukin-2	who who who	skr skr skr skr	sk sk sk sk	1.22	1.22	NA
Interleukin-20	who who who	skr skr skr skr	sk sk sk sk	0.81	0.85	NA
Interleukin-20 receptor subunit alpha	***	***	***	0.88	0.99	NA
Interleukin-22 receptor subunit alpha-1	***	***	***	2.26	2.26	NA
Interleukin-24	***	***	***	1.34	1.42	NA
Interleukin-2 receptor subunit beta	***	***	***	0.85	0.89	NA
Interleukin-33				1.47	1.46	NA
Interleukin-4				1.88	1.41	NA
Interleukin-5				5.22		
Interleukin-5 Interleukin-6				3.22	2.05 2.88	NA NA
Interleukin-6 Interleukin-7				3.22 5.47		NA NA
					5.27	
Interleukin-8	ste ste ste	ste ste ste ste	the the the the	7.96	7.55	NA
Leukemia inhibitory factor				0.8	0.91	NA NA
Leukemia inhibitory factor receptor				3.58	3.4	
Monocyte chemotactic protein 1				10.61	10	NA
Monocyte chemotactic protein 2				10.41	9.99	NA
Monocyte chemotactic protein 3				3.28	2.24	NA
Monocyte chemotactic protein 4				3.97	3.43	NA
Matrix metalloproteinase-1	str str			6.73	6.83	NA
Matrix metalloproteinase-10		de de de de	de de de de	8.24	8.84	NA
Neurturin	***	~ w w w	~ w w w	1.12	1.21	NA
Neurotrophin-3				2.3	2.18	NA
Osteoprotegerin				9.65	9.68	NA
Oncostatin-M				4.63	4.39	NA
Programmed cell death 1 ligand 1				5.16	5.07	NA
Stem cell factor				9.61	9.28	NA
SIR2-like protein 2				3.32	2.99	NA
Signaling lymphocytic activation molecule				3.29	3.21	NA
Sulfotransferase 1A1				2.36	2.03	NA
STAM-binding protein				2.89	2.73	NA
Transforming growth factor alpha				4.11	3.56	NA
atency-associated peptide transforming growth factor beta-1				8.7	8.09	NA
Tumor necrosis factor	the the the	the the the the	ste ste ste ste	0.84	0.93	NA
ΓNF-beta				4.3	3.99	NA
Tumor necrosis factor receptor superfamily member 9				7.94	7.2	NA
Tumor necrosis factor ligand superfamily member 14				5.27	4.6	NA
INF-related apoptosis-inducing ligand				8.69	8.38	NA
INF-related activation-induced cytokine				6.96	5.98	NA
Thymic stromal lymphopoietin	the the the the	the the the the	ste ste ste ste	1.08	1.09	NA
Tumor necrosis factor				9.69	9.02	NA
	1			10.36	10.07	NA
Urokinase-type plasminogen activator						

 Table 23: Men table for biomarkers significance, medicine Concerta

2 Images

3 Change History

This section helps keeping track of all the changes done in the document.

0.1

Nothing yet.