Yegor S Vassetzky

List of Publications by Citations

145 papers	2,763 citations	32 h-index	46 g-index
152 ext. papers	3,219 ext. citations	6.2 avg, IF	4.99 L-index

#	Paper	IF	Citations
145	Mitotic remodeling of the replicon and chromosome structure. *Cell*, **2005**, 123, 787-801	56.2	158
144	Myoblasts from affected and non-affected FSHD muscles exhibit morphological differentiation defects. *Journal of Cellular and Molecular Medicine*, **2010**, 14, 275-89	5.6	90
143	Increased levels of adenine nucleotide translocator 1 protein and response to oxidative stress are early events in facioscapulohumeral muscular dystrophy muscle. *Journal of Molecular Medicine*, **2005**, 83, 216-24	5.5	81
142	miR-205 is involved in metastatic potential of 21T series, a breast cancer progression model. *BMC Proceedings*, **2013**, 7,	2.3	78
141	The epigenetic landscape of mammary gland development and functional differentiation. *Journal of Mammary Gland Biology and Neoplasia*, **2010**, 15, 85-100	2.4	75
140	Functional muscle impairment in facioscapulohumeral muscular dystrophy is correlated with oxidative stress and mitochondrial dysfunction. *Free Radical Biology and Medicine*, **2012**, 53, 1068-79	7.8	73
139	Chromatin loop domain organization within the 4q35 locus in facioscapulohumeral dystrophy patients versus normal human myoblasts. *Proceedings of the National Academy of Sciences of the United States of America*, **2006**, 103, 6982-7	11.5	72
138	DNA topoisomerase II mutations and resistance to anti-tumor drugs. *BioEssays*, **1995**, 17, 767-74	4.1	66
137	Simultaneous miRNA and mRNA transcriptome profiling of human myoblasts reveals a novel set of myogenic differentiation-associated miRNAs and their target genes. *BMC Genomics*, **2013**, 14, 265	4.5	64
136	Chromosome conformation capture (from 3C to 5C) and its ChIP-based modification. *Methods in Molecular Biology*, **2009**, 567, 171-88	1.4	63
135	Characterization of DNA pattern in the site of permanent attachment to the nuclear matrix located in the vicinity of replication origin. *Biochemical and Biophysical Research Communications*, **1990**, 168, 9-15	3.4	62
134	Nucleolus: A Central Hub for Nuclear Functions. *Trends in Cell Biology*, **2019**, 29, 647-659	18.3	61
133	Chromatin domains and regulation of transcription. *Journal of Molecular Biology*, **2007**, 369, 597-607	6.5	61
132	A nuclear matrix attachment site in the 4q35 locus has an enhancer-blocking activity in vivo: implications for the facio-scapulo-humeral dystrophy. *Genome Research*, **2008**, 18, 39-45	9.7	57
131	High resolution genome-wide analysis of chromosomal alterations in Burkitt's lymphoma. *PLoS ONE*, **2009**, 4, e7089	3.7	53
130	mTORC1 pathway in DNA damage response. *Biochimica Et Biophysica Acta - Molecular Cell Research*, **2018**, 1865, 1293-1311	4.9	52
129	Topoisomerase II forms multimers in vitro: effects of metals, beta-glycerophosphate, and phosphorylation of its C-terminal domain. *Molecular and Cellular Biology*, **1994**, 14, 6962-74	4.8	51

128	Chromatin remodelling and DNA replication: from nucleosomes to loop domains. *Oncogene*, **2001**, 20, 3086-93	9.2	48
127	Nuclear matrix attachment regions and topoisomerase II binding and reaction sites in the vicinity of a chicken DNA replication origin. *Biochemical and Biophysical Research Communications*, **1991**, 177, 265-70	3.4	47
126	DUX4-induced constitutive DNA damage and oxidative stress contribute to aberrant differentiation of myoblasts from FSHD patients. *Free Radical Biology and Medicine*, **2016**, 99, 244-258	7.8	47
125	Defective regulation of microRNA target genes in myoblasts from facioscapulohumeral dystrophy patients. *Journal of Biological Chemistry*, **2013**, 288, 34989-5002	5.4	46
124	Transcription factories in the context of the nuclear and genome organization. *Nucleic Acids Research*, **2011**, 39, 9085-92	20.1	46
123	Rearrangement of chromatin domains during development in Xenopus. *Genes and Development*, **2000**, 14, 1541-1552	12.6	42
122	HIV-1 Tat protein induces DNA damage in human peripheral blood B-lymphocytes via mitochondrial ROS production. *Redox Biology*, **2018**, 15, 97-108	11.3	42
121	MiR-34a is up-regulated in response to low dose, low energy X-ray induced DNA damage in breast cells. *Radiation Oncology*, **2013**, 8, 231	4.2	38
120	A functional role for 4qA/B in the structural rearrangement of the 4q35 region and in the regulation of FRG1 and ANT1 in facioscapulohumeral dystrophy. *PLoS ONE*, **2008**, 3, e3389	3.7	38
119	A. E. Braunstein Plenary Lecture. Nuclear skeleton, DNA domains and control of replication and transcription. *FEBS Journal*, **1991**, 200, 613-24		37
118	Antagonistic functional duality of cancer genes. *Gene*, **2013**, 529, 199-207	3.8	36
117	DNA replication initiates at domains overlapping with nuclear matrix attachment regions in the xenopus and mouse c-myc promoter. *Gene*, **2004**, 332, 129-38	3.8	36
116	Temozolomide promotes genomic and phenotypic changes in glioblastoma cells. *Cancer Cell International*, **2016**, 16, 36	6.4	34
115	A requiem to the nuclear matrix: from a controversial concept to 3D organization of the nucleus. *Chromosoma*, **2014**, 123, 217-24	2.8	33
114	Dynamics of double strand breaks and chromosomal translocations. *Molecular Cancer*, **2014**, 13, 249	42.1	33
113	Eukaryotic enhancers: common features, regulation, and participation in diseases. *Cellular and Molecular Life Sciences*, **2015**, 72, 2361-75	10.3	31
112	Perinucleolar relocalization and nucleolin as crucial events in the transcriptional activation of key genes in mantle cell lymphoma. *Blood*, **2014**, 123, 2044-53	2.2	30
111	Pearls in the junk: dissecting the molecular pathogenesis of facioscapulohumeral muscular dystrophy. *Neuromuscular Disorders*, **2009**, 19, 17-20	2.9	28

110	HIV Tat induces a prolonged MYC relocalization next to IGH in circulating B-cells. *Leukemia*, **2017**, 31, 2515-2522	10.7	27
109	Expression of SARS-CoV-2 entry factors in lung epithelial stem cells and its potential implications for COVID-19. *Scientific Reports*, **2020**, 10, 17772	4.9	27
108	A Comparison of Techniques to Evaluate the Effectiveness of Genome Editing. *Trends in Biotechnology*, **2018**, 36, 147-159	15.1	25
107	Ectopic expression of inactive forms of yeast DNA topoisomerase II confers resistance to the anti-tumour drug, etoposide. *British Journal of Cancer*, **1996**, 73, 1201-9	8.7	24
106	Step-wise and punctuated genome evolution drive phenotype changes of tumor cells. *Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis*, **2015**, 771, 56-69	3.3	22
105	Mapping long-range chromatin organization within the chicken alpha-globin gene domain using oligonucleotide DNA arrays. *Genomics*, **2005**, 85, 143-51	4.3	22
104	The distribution of tightly bound proteins along the DNA chain reflects the type of cell differentiation. *Nucleic Acids Research*, **1988**, 16, 3617-33	20.1	22
103	Bradykinin antagonists and thiazolidinone derivatives as new potential anti-cancer compounds. *Bioorganic and Medicinal Chemistry*, **2014**, 22, 3815-23	3.4	21
102	The Krüppel-like factor 15 as a molecular link between myogenic factors and a chromosome 4q transcriptional enhancer implicated in facioscapulohumeral dystrophy. *Journal of Biological Chemistry*, **2011**, 286, 44620-31	5.4	20
101	Control of gene expression in Xenopus early development. *Genesis*, **1998**, 22, 122-31		20
100	Functional roles of HIV-1 Tat protein in the nucleus. *Cellular and Molecular Life Sciences*, **2016**, 73, 589-601	10.3	19
99	A transcription-dependent DNase I-hypersensitive site in a far upstream segment of the chicken alpha-globin gene domain coincides with a matrix attachment region. *Biochemical and Biophysical Research Communications*, **1992**, 184, 1226-34	3.4	18
98	Interaction in vivo between the two matrix attachment regions flanking a single chromatin loop. *Journal of Molecular Biology*, **2009**, 386, 929-37	6.5	17
97	Domain organization of eukaryotic genome. *Cell Biology International Reports*, **1992**, 16, 697-708		16
96	Specification of Chromatin Domains and Regulation of Replication and Transcription During Development. *Critical Reviews in Eukaryotic Gene Expression*, **2000**, 10, 8	1.3	16
95	Distinct distribution of ectopically expressed histone variants H2A.Bbd and MacroH2A in open and closed chromatin domains. *PLoS ONE*, **2012**, 7, e47157	3.7	15
94	Selective matrix attachment regions in T helper cell subsets support loop conformation in the Ifng gene. *Genes and Immunity*, **2007**, 8, 35-43	4.4	15
93	Dux4 controls migration of mesenchymal stem cells through the Cxcr4-Sdf1 axis. *Oncotarget*, **2016**, 7, 65090-65108	3.3	15

92	3D genomics imposes evolution of the domain model of eukaryotic genome organization. *Chromosoma*, **2017**, 126, 59-69	2.8	14
91	Facioscapulohumeral dystrophy myoblasts efficiently repair moderate levels of oxidative DNA damage. *Histochemistry and Cell Biology*, **2016**, 145, 475-83	2.4	14
90	DNA polymorphism and epigenetic marks modulate the affinity of a scaffold/matrix attachment region to the nuclear matrix. *European Journal of Human Genetics*, **2014**, 22, 1117-23	5.3	14
89	Rearrangement of chromatin domains in cancer and development. *Journal of Cellular Biochemistry*, **2000**, Suppl 35, 54-60	4.7	14
88	The sequence-specific nuclear matrix binding factor F6 is a chicken GATA-like protein. *Molecular Genetics and Genomics*, **1993**, 238, 309-14		14
87	Transcriptional enhancer in the vicinity of a replication origin within the 5Sregion of the chicken alpha-globin gene domain. *Journal of Molecular Biology*, **1991**, 217, 595-8	6.5	14
86	Topoisomerase II forms multimers in vitro: effects of metals, beta-glycerophosphate, and phosphorylation of its C-terminal domain. *Molecular and Cellular Biology*, **1994**, 14, 6962-6974	4.8	14
85	HIV-1, HAART and cancer: A complex relationship. *International Journal of Cancer*, **2020**, 146, 2666-2679	7.5	14
84	The presence of sequence-specific protein binding sites correlate with replication activity and matrix binding in a 1.7 Kb-long DNA fragment of the chicken alpha-globin gene domain. *Biochemical and Biophysical Research Communications*, **1991**, 179, 512-9	3.4	13
83	Chromatin Domains and Territories: Flexibly Rigid. *Critical Reviews in Eukaryotic Gene Expression*, **2004**, 14, 79-88	1.3	13
82	HIV-1 Tat protein induces aberrant activation of AICDA in human B-lymphocytes from peripheral blood. *Journal of Cellular Physiology*, **2019**, 234, 15678	7	12
81	The microRNA-205-5p is correlated to metastatic potential of 21T series: A breast cancer progression model. *PLoS ONE*, **2017**, 12, e0173756	3.7	11
80	Early replication timing of the chicken alpha-globin gene domain correlates with its open chromatin state in cells of different lineages. *Genomics*, **2009**, 93, 481-6	4.3	11
79	DNA fragments which specifically bind to isolated nuclear matrix in vitro interact with matrix-associated DNA topoisomerase II. *Biochemical and Biophysical Research Communications*, **1989**, 159, 1263-8	3.4	11
78	Topologically-associating domains: gene warehouses adapted to serve transcriptional regulation. *Transcription*, **2016**, 7, 84-90	4.8	11
77	Order and stochasticity in the folding of individual Drosophila genomes. *Nature Communications*, **2021**, 12, 41	17.4	11
76	Genetic and Epigenetic Mechanisms of Globin Gene Switching. *Biochemistry (Moscow)*, **2018**, 83, 381-392	2.9	10
75	Cancer-related genes in the transcription signature of facioscapulohumeral dystrophy myoblasts and myotubes. *Journal of Cellular and Molecular Medicine*, **2014**, 18, 208-17	5.6	10

74	In embryonic chicken erythrocytes actively transcribed alpha globin genes are not associated with the nuclear matrix. *Journal of Cellular Biochemistry*, **2009**, 106, 170-8	4.7	10
73	Tat basic domain: A "Swiss army knife" of HIV-1 Tat?. *Reviews in Medical Virology*, **2019**, 29, e2031	11.7	10
72	A One-Step PCR-Based Assay to Evaluate the Efficiency and Precision of Genomic DNA-Editing Tools. *Molecular Therapy - Methods and Clinical Development*, **2017**, 5, 43-50	6.4	9
71	DUX4 Pathological Expression: Causes and Consequences in Cancer. *Trends in Cancer*, **2019**, 5, 268-271	12.5	9
70	Modulation of mTORC1 Signaling Pathway by HIV-1. *Cells*, **2020**, 9,	7.9	9
69	Oncogenic Properties of the EBV ZEBRA Protein. *Cancers*, **2020**, 12,	6.6	9
68	Correction of the FSHD myoblast differentiation defect by fusion with healthy myoblasts. *Journal of Cellular Physiology*, **2016**, 231, 62-71	7	9
67	The role of Alu-derived RNAs in Alzheimer's and other neurodegenerative conditions. *Medical Hypotheses*, **2018**, 115, 29-34	3.8	8
66	Distinct Patterns of Colocalization of the CCND1 and CMYC Genes With Their Potential Translocation Partner IGH at Successive Stages of B-Cell Differentiation. *Journal of Cellular Biochemistry*, **2016**, 117, 1506-10	4.7	8
65	Metal ions modify DNA-protecting and mutagen-scavenging capacities of the AV-153 1,4-dihydropyridine. *Mutation Research - Genetic Toxicology and Environmental Mutagenesis*, **2019**, 845, 403077	3	8
64	Nuclear matrix and structural and functional compartmentalization of the eucaryotic cell nucleus. *Biochemistry (Moscow)*, **2014**, 79, 608-18	2.9	8
63	Evolution of the Genome 3D Organization: Comparison of Fused and Segregated Globin Gene Clusters. *Molecular Biology and Evolution*, **2017**, 34, 1492-1504	8.3	7
62	RNA-dependent disassembly of nuclear bodies. *Journal of Cell Science*, **2016**, 129, 4509-4520	5.3	7
61	Epigenetic modifications, chromatin distribution and TP53 transcription in a model of breast cancer progression. *Journal of Cellular Biochemistry*, **2015**, 116, 533-41	4.7	7
60	Analysis of the chicken DNA fragments that contain structural sites of attachment to the nuclear matrix: DNA-matrix interactions and replication. *Journal of Cellular Biochemistry*, **2000**, 79, 1-14	4.7	7
59	Dual Role of the Extracellular Domain of Human Mucin MUC1 in Metastasis. *Journal of Cellular Biochemistry*, **2017**, 118, 4002-4011	4.7	6
58	Control of DNA integrity in skeletal muscle under physiological and pathological conditions. *Cellular and Molecular Life Sciences*, **2017**, 74, 3439-3449	10.3	6
57	Tightly bound to DNA proteins: possible universal substrates for intranuclear processes. *Gene*, **2012**, 492, 54-64	3.8	6

56	The upstream area of the chicken alpha-globin gene domain is transcribed in both directions in the same cells. *FEBS Letters*, **2005**, 579, 4746-50	3.8	6
55	The IGH locus relocalizes to a "recombination compartment" in the perinucleolar region of differentiating B-lymphocytes. *Oncotarget*, **2017**, 8, 40079-40089	3.3	6
54	MUC1 Story: Great Expectations, Disappointments and the Renaissance. *Current Medicinal Chemistry*, **2019**, 26, 554-563	4.3	6
53	Histone deacetylase inhibitor abexinostat affects chromatin organization and gene transcription in normal B cells and in mantle cell lymphoma. *Gene*, **2016**, 580, 134-143	3.8	5
52	Ring-like distribution of constitutive heterochromatin in bovine senescent cells. *PLoS ONE*, **2011**, 6, e26844	3.7	5
51	Loop domain organization of the p53 locus in normal and breast cancer cells correlates with the transcriptional status of the TP53 and the neighboring genes. *Journal of Cellular Biochemistry*, **2011**, 112, 2072-81	4.7	5
50	Uncoupling of oxidative phosphorylation and antioxidants affect fusion of primary human myoblasts in vitro. *Biopolymers and Cell*, **2016**, 32, 111-117	0.3	5
49	Chromatin domains and territories: flexibly rigid. *Critical Reviews in Eukaryotic Gene Expression*, **2004**, 14, 79-88	1.3	5
48	Effect of Environmental Factors on Nuclear Organization and Transformation of Human B Lymphocytes. *Biochemistry (Moscow)*, **2018**, 83, 402-410	2.9	4
47	Proteins tightly bound to DNA: new data and old problems. *Biochemistry (Moscow)*, **2010**, 75, 1240-51	2.9	4
46	Development-dependent changes in the tight DNA-protein complexes of barley on chromosome and gene level. *BMC Plant Biology*, **2009**, 9, 56	5.3	4
45	Analysis of telomeric DNA: Current approaches and methods. *Russian Journal of Developmental Biology*, **2009**, 40, 125-144	0.8	4
44	Transcription- and apoptosis-dependent long-range distribution of tight DNA-protein complexes in the chicken alpha-globin gene. *DNA and Cell Biology*, **2008**, 27, 615-21	3.6	4
43	Determination of the chromatin domain structure in arrayed repeat regions: organization of the somatic 5S RNA domain during embryogenesis in Xenopus laevis. *Journal of Cellular Biochemistry*, **2007**, 102, 1140-8	4.7	4
42	An unusual extended DNA loop attachment region is located in the human dystrophin gene. *Journal of Cellular Physiology*, **2006**, 209, 515-21	7	4
41	Recruitment of RNA polymerase II in the Ifng gene promoter correlates with the nuclear matrix association in activated T helper cells. *Journal of Molecular Biology*, **2007**, 371, 317-22	6.5	4
40	Easy and robust electrotransfection protocol for efficient ectopic gene expression and genome editing in human B cells. *Gene Therapy*, **2020**,	4	4
39	Translocations affecting human immunoglobulin heavy chain locus. *Biopolymers and Cell*, **2014**, 30, 90-95	0.3	3

38	HIV: implication in Burkitt lymphoma.. *Biopolymers and Cell*, **2012**, 28, 285-287	0.3	3
37	FSHD myoblasts fail to downregulate intermediate filament protein vimentin during myogenic differentiation. *Biopolymers and Cell*, **2011**, 27, 359-363	0.3	3
36	Analysis of genes regulated by DUX4 via oxidative stress reveals potential therapeutic targets for treatment of facioscapulohumeral dystrophy. *Redox Biology*, **2021**, 43, 102008	11.3	3
35	Genome- and Cell-Based Strategies in Therapy of Muscular Dystrophies. *Biochemistry (Moscow)*, **2016**, 81, 678-90	2.9	3
34	Mobility of Nuclear Components and Genome Functioning. *Biochemistry (Moscow)*, **2018**, 83, 690-700	2.9	2
33	A set of vectors for introduction of antibiotic resistance genes by in vitro Cre-mediated recombination. *BMC Research Notes*, **2008**, 1, 135	2.3	2
32	T-antigen interactions with chromatin and p53 during the cell cycle in extracts from Xenopus eggs. *Journal of Cellular Biochemistry*, **1999**, 75, 288-299	4.7	2
31	Nuclear matrix-associated DNA fragments enhance autonomous replication of plasmids in chicken cells. *Biochimie*, **1995**, 77, 880-7	4.6	2
30	Treatment of lymphoid cells with the topoisomerase II poison etoposide leads to an increased juxtaposition of AML1 and ETO genes on the surface of nucleoli. *Biopolymers and Cell*, **2011**, 27, 398-403	0.3	2
29	Molecular coevolution of nuclear and nucleolar localization signals inside basic domain of HIV-1 Tat. *Journal of Virology*, **2021**, JVI0150521	6.6	2
28	Lung epithelial stem cells express SARS-CoV-2 entry factors: implications for COVID-19		2
27	Histone deacetylase inhibitors and epigenetic regulation in lymphoid malignancies. *Investigational New Drugs*, **2015**, 33, 1280-91	4.3	1
26	DUX4, a Zygotic Genome Activator, Is Involved in Oncogenesis and Genetic Diseases. *Russian Journal of Developmental Biology*, **2020**, 51, 176-182	0.8	1
25	Russian science: academy reform needs a reality check. *Nature*, **2013**, 499, 284	50.4	1
24	Nuclear localization of translocation partners in differentiating B-cells. *Doklady Biochemistry and Biophysics*, **2015**, 464, 312-4	0.8	1
23	Evolution of □and □globin genes and their regulatory systems in light of the hypothesis of domain organization of the genome. *Biochemistry (Moscow)*, **2014**, 79, 1141-50	2.9	1
22	Effect of DNA loop anchorage regions (LARs) and microinjection timing on expression of beta-galactosidase gene injected into one-cell rabbit embryos. *Journal of Cellular Biochemistry*, **2004**, 92, 1171-9	4.7	1
21	Topoisomerase I is associated with the regulatory region of transcriptionally active SV 40 minichromosomes. *Molecular and Cellular Biochemistry*, **1990**, 95, 95-106	4.2	1

20	Differences in transcription patterns between induced pluripotent stem cells produced from the same germ layer are erased upon differentiation. *PLoS ONE*, **2013**, 8, e53033	3.7	1
19	Growth suppression activity of bradykinin antagonists in glioma cells. *Biopolymers and Cell*, **2014**, 30, 77-79	0.3	1
18	Intranuclear localization of transcription factories and immunoglobulin heavy chain gene alleles during human B-cell maturation. *Biopolymers and Cell*, **2016**, 32, 179-183	0.3	1
17	Control of DUX4 Expression in Facioscapulohumeral Muscular Dystrophy and Cancer. *Trends in Molecular Medicine*, **2021**, 27, 588-601	11.5	1
16	From an increase in the number of tandem repeats through the decrease of sialylation to the downregulation of MUC1 expression level. *Journal of Cellular Biochemistry*, **2019**, 120, 4472-4484	4.7	1
15	Heterochromatin restricts the mobility of nuclear bodies. *Chromosoma*, **2018**, 127, 529-537	2.8	1
14	Rearrangement of chromatin domains in cancer and development. *Journal of Cellular Biochemistry*, **2000**, 79, 54-60	4.7	1
13	SETDB1 fuels the lung cancer phenotype by modulating epigenome, 3D genome organization and chromatin mechanical properties.. *Nucleic Acids Research*, **2022**,	20.1	1
12	Role of the Nucleolus in Rearrangements of the IGH Locus. *Molecular Biology*, **2018**, 52, 182-189	1.2	0
11	Structure and function of oncogene-transfected immortal cells. *Biopolymers and Cell*, **2014**, 30, 25-28	0.3	
10	Basic science in Russia under threat. *Nature*, **2010**, 467, 789	50.4	
9	Attachment of DNA Loops to an Artificial Matrix Does Not Affect the Replication Origin Specificity in Early Development of Xenopus laevis. *Russian Journal of Developmental Biology*, **2003**, 34, 213-217	0.8	
8	Genetics and Epigenetics of Progressive Fascioscapulohumeral (Landouzy–Dejerine) Muscular Dystrophy. *Russian Journal of Genetics*, **2003**, 39, 147-151	0.6	
7	Spatial Organization of the Chicken β-Globin Gene Domain in Cells of Different Origins. *Molecular Biology*, **2005**, 39, 851-856	1.2	
6	Live-Cell Imaging and Analysis of Nuclear Body Mobility. *Methods in Molecular Biology*, **2020**, 2175, 1-9	1.4	
5	Characterization of the DNA Pattern in the Vicinity of a Replication Origin Located Upstream from the Domain of Chicken β-Globin Genes **1990**, 377-382		
4	A Fragment of Chicken Nuclear Matrix-Associated DNA Can Maintain Autonomous Replication of Plasmids in Mammalian Cells **1990**, 345-350		
3	Nuclear skeleton, DNA domains and control of replication and transcription **1991**, 137-148		

2	Cisplatin treatment of C6 rat glioma in vivo did not influence copy number alterations and growth pattern of tumor-derived resistant cells. *Biopolymers and Cell*, **2015**, 31, 209-217	0.3
1	MARs Wars: heterogeneity and clustering of DNA-binding domains in the nuclear matrix. *Biopolymers and Cell*, **2009**, 25, 451-456	0.3