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< j_amevlZl_ ba ku\hjhlhdbjh<BQgguo iZpb_glh\
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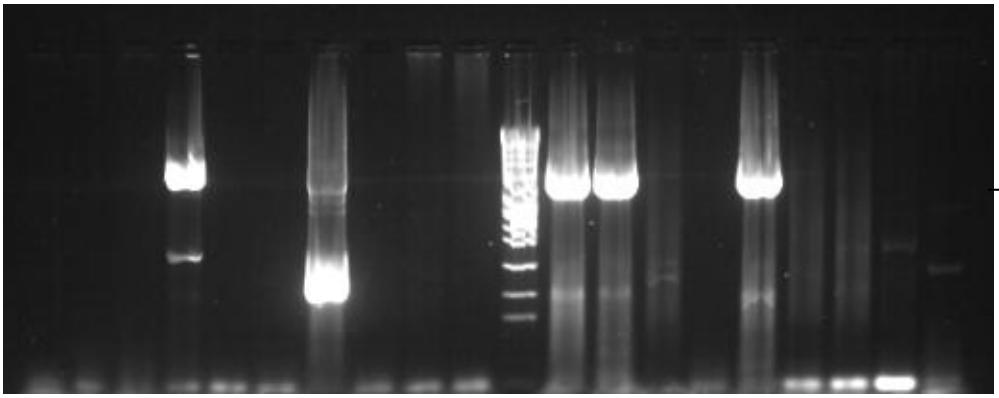

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j_Z]_glh\ 4,$*(1 0LQG Zehqv_LWZ\db \ ieZafb^Zo gZ ^Zgghf
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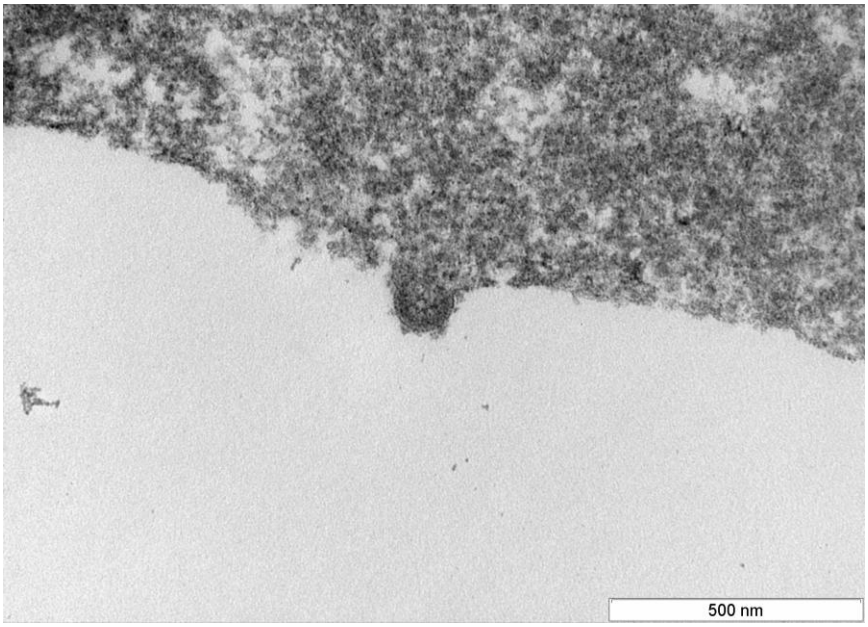

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< jZ[hl_ bkihevahlyZvebkk_v\^h\bjmkh\ ihemq_gguo gZfb
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km[lbiZ(QH-0692.42, PVO.)4

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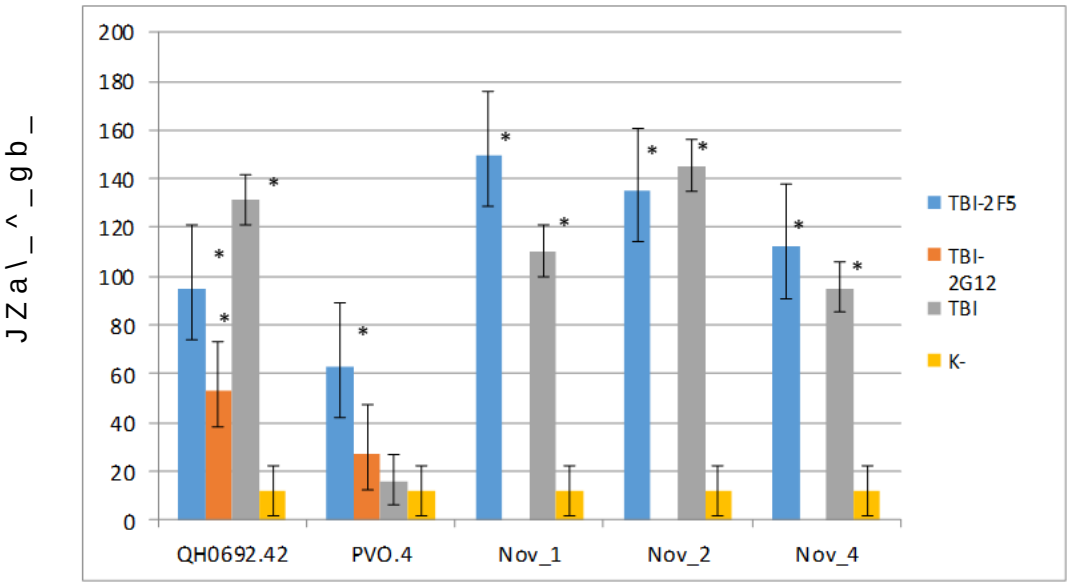

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Qlh[u hp_gblv kihkh[ghklv \kljh_gbfubZlhjh\lb^h 5':6)'5:6/6():/ ^ey 7%), bVGAFGSFYRLSVLQS ^ey 72%12) bg^mpbjh\Zlv g_cljZebZamxlseZ fu j_rbeb, dhZkdfhcj_iljvhp_gl kj_^b g_cljZebamxsbo Zglbllkey gZjZ[ZZ\ZZ-bif_billZ^hZjZ ;ueZ ijh_^_gZ dhgdmj_gpby kbgl_lbq_kdbo i_ilb^h\ 5':6)'5 VGAFGSFYRLSVLQS k ik_\^h\bjmkZfb aZ k\yau\Zgb_ khlZgdlbl_e Dhgp_gljZpby i_ilb^h\ [ueZ fdLZf[ebZ. fd] fe

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Bg]b[bjh\Zgb_ k\yau\Zgby ik_\^h\bjmkZ b bffmgghc ku\hjhldb

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Ik_\^h\bj	TBI-2F5		TBI-2G12		TBI	
	Dhgp_gljZpby ih i_ilb^m f					
	2	7	2	7	2	7
QH0692.42	13.5	34.6	10.0	0	0	0
PVO.4	43.5	23.0	0	0	0	0
Nov_1	24.5	32.5	g ^	g ^	0	0
Nov_2	32.7	35.5	g ^	g ^	0	0
Nov_4	25.4	38.5	g ^	g ^	0	0

DZd \b^gh b3a lZ[ke mqZ_ bffmgh)]_kZ 7k%fb ik_\^h\bjmkZ gZ[ex^Zehkv kgb`_gb_ k\yau\Zgby ik_\^h\bjmkh\ k Zglb ke_^h\Zl_evgh mf_gvr_gb_ g_cljZebamxs_]h ^_ckl\by Zg \ke_^kl\b_ k\yau\Zgby i_ilb^Z kh ki_pbnbq_kdbfbZ Zglbl_e h[jZahf h`gh]h\hjblv qlh hf_i-bf^blZlhj \ khklZ TBI b_e^mZjm_l h[jZah\Zgb_ kb_pbnbq_kdbo Zglbl_e < -bfblZlhj \ kbeblqZ hjZi_i-bf^blZwZi lhevdh \ j_Zdpbb k ik_\^h\bjmkhf 4+ gZ[ex^Zehl k\yau\Zgby k Zglbl_eZfb ku\hjhldb ljb ZgZeba_ k bffmgbabjh\Zgguo [_edhf 7%, dhgdmj_gpbb k i_ilb^hf 5':6 gZ[ex^Zehkv

LZdbf h[jZahf fh`gh lhqgh kdZaZlv qlh TBI-2F5 gbaZp \uau\Z_l gZjZ[hldm ki_pbnbq_kdbo g_cljZebamxsbo Zglbl i_ilb-bfblZlhj 5':6)'5:SEFWL.

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G_cljZebaZpby ik_\^h\bjmkh\ bffmggufb ku\hjhldZfb

Ik_\^h\bjml	TBI-2G12	TBI-2F5	TBI-2G12+ TBI-2F5
QH0692.42	25.6	34.4	46.5
PVO.4	0	27.9	41.6

DZd \b^gh b.a4 lZ\[ekemqZ_ ik_\^h\bjmkZ 4+ k g_cljZebamxsZy Zdlb\ghklv ^hklb]e\Zlhag\Z_qfygbhZ^d_ekwghklb agZq_gby g_cljZebaZpbb [ueb gb`_ Bgl_j_kgh lZd`_ hlf ihemq_ggZy ihke_ bffmggufb ku\hjhldhc ihke_ bffmgebaZpbb [ueZ g_kihkh[gZ g_cljZeb ik_\^h\bjmk 392 h^gZdh kmffZjgZy g_cljZebamxsZy Z ku\hjhldhc ihke_ bffmgebaZpbb [ueZ g_kihkh[gZ g_cljZe Zdlb\ghklb ku\hjhldb ihke_ bffmgebaZpbb [ueZ g_kihkh[gZ g_cljZe]h\hjblv h dhhi_jZlb\ghf ^_ckl\bb Zglbl_e gZjZ[Zlu\Z_fuo kha^Zgguo gZfb bffmgh]_gh\ ljb h^dgh\j_Zgdlh_e bdg^gmkdhe wiblhiZf hgb fh]ml h[eZ^Zlv kbg_j]bafhm_^g_hcfklgbgy_hC[Zh^wdfh h[jZsZlv \gbfZgb_ ijb kha^Zgb-bdeb_bhkiguZgbbf%gh]_gh\

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1. Shcherbakova N. S., Shcherbakov, D. N., Bakulina, A. Y., Karpenko, L. I., Ryzhikov, A. B., Ilyichev, A. A. Artificial polyepitope HIV-1 immunogen containing mimotope of 2F5 epitope // Protein and peptide letters. ± 2016. ± V. 23, - N. 2. ± P.159-168.
2. Shcherbakova N.S., Shalamova L.A., Delgado E., Fernandez-Garcia A., Vega Y., Karpenko L.I., Ilychev A.A., Sokolov Y.V., Shcherbakov D.N., Perez-Alvarez L., Thomson M.M. Molecular Epidemiology, Philogeny, and Phylodynamics of CRF63_02A1, a Recently Originated HIV-1 Circulating Recombinant Form Spreading in Siberia // AIDS Research and Human Retroviruses. ± 2014. ±V. 30. ± N. 9. ±P. 912-919.
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4. S_j[Zdh\Z G KQbdZ_\ : G DZji_gdh E B Bevbq_\ [bhlbgbebjh\Zgby FZgbZl_hel[hj i_ilb^h\ bahjdhfc[bmZ]lh\hc [b[ebhl_db Fhe_dmeyjgZy]_g_lbdZ fbdjh±2012 eh]by b ‹ 1.- K -25.
5. Qbd Z_\ :SG_j[Zdh\Z GDKZji_gdh E;B`ZKg B E_[_^_\ E J ?jhrdbg : F Ju`bdh\ : ; Bevbq_\ : : JZajZ[hldZ ihebwiblhi-gdue_lhqguo bffmgh]_gh\ \ dZq_kl_ -1Z/dpbg i ;xee_l_ghvklhqkgh[bjkdhgZhmqgh]h p_gljZ K2011.:F‹G3. ± Q1. ±K 229-232.