Juan Casado-Vela

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e-mail: jcasado@cnb.csic.es
Darwin 3, Cantoblanco
28049 Madrid, Spain.
Phone: +34 915854913
web PROTEIN ARRAY PLATFORM

1. Apoptosis antibody array: (list of 73 antibodies)

14.3.3 Pan, Acinus, AIF (Apoptosis Inducing Factor), Alpha-1-antichymotrypsin, alpha-1-antitrypsin, ARC, Ask1 / MAPKKK5, ATM, BAG-1, Bak, Bax, Bcl10 / CIPER / CLAP / mE10, bcl-2a, Bcl-6, bcl-X, bcl-XL, Bim (BOD), Caspase 1, Caspase 2, Caspase 3, Caspase 5, Caspase 6 (Mch 2), Caspase 7 (Mch 3), Caspase 8 (FLICE), Cathepsin D, CD137 (4-1BB), CD14, CD95 / Fas, CDK2, CDK4, CDK5, c-fos, CIDE-A, CIDE-B, c-jun, CREB, CREB-Binding Protein, Cytochrome c, D4-GDI, Daxx, DcR1, DcR2 / TRAIL-R4 / TRUNDD, DFF40 (DNA Fragmentation Factor 40) / CAD, DFF45 / ICAD, DR3, DR5, ERK1, ERK2, FADD (FAS-Associated death domain-containing protein), Fas-ligand, FLIP, Granzyme B, Heat Shock Protein 70/hsp70, I-FLICE / CASPER, IGF-1R, IGF-I, I-Kappa-B Kinase b (IKKb), JNK Activating kinase (JKK1), MADD, Mcl-1, Mekk-1, NF kappa B / p50, NF kappa B / p65 (Rel A), p53, PARP, PARP (Poly ADP-Ribose Polymerase), Prohibitin, RAIDD, SODD (Silencer of Death Domain), Survivin, TNF alpha, TNFa, TRADD.

2. Cell signaling antibody array: (list of 1358 antibodies)

14-3-3 beta, 14-3-3 epsilon, 14-3-3 eta, 14-3-3 gamma, 14-3-3 theta, 14-3-3 zeta, 4E-BP1, 5-HT-1A, 5-HT-1F, 5-HT-2C, 5-HT-3A, 5-HT-4, 5-HT-5A, 60S Ribosomal Protein L10, 6-Phosphofructo-2-Kinase, A1BG, A26C2/3, AARSD1, AASDHPPT, AATF, ABCA8, ABCB7, ABCD1, ABHD11, ABHD12, ABHD12B, ABHD14A, ABHD14B, ABHD4, ABL1, ACAD10, ACBD6, ACOT2, ACOT4, ACSL6, Actin-alpha-1, Actin-gamma2, Actin-pan, ACTL6A, ACTN 1/2/3/4, ACTN alpha-2/3, ACTR-1C, ACTR3, ACVL1, ADA2L, ADAM 17 (Cleaved-Arg215), ADAR1, ADCK1, ADCK2, ADCK3, ADCK5, ADCY4, ADCY5/6, ADCY7, ADCY8, ADD2, ADD3, ADH7, ADK, ADNP, ADPGK, ADRB1, Adrenergic Receptor alpha-2A, Adrenergic Receptor alpha-2B, Adrenergic Receptor alpha-2C, Aggrecan (Cleaved-Asp369), AGR3, AIFM2, AIG1, AIRE, AKR1B1, AKR1CL1, AKR1CL2, AKT, AKT2, AKT3, ALCAM, ALDH1A2, ALDH1B1, ALDH3B1, ALDOB, ALDOC, Alpha Fetoprotein (AFP), Alpha hCG, AMACR, AMPD1, Amylin, Androgen receptor, Angiopoietin-1, Angiopoietin-2, Annexin A6, AOS1, AP-2, AP2C, APAF-1-ALT, APC, APC6, APLP2, APOF, APOL1, APOL2, ARC, ARF4, ARFGEF2, ARFIP1, ARHGEF10, ARHGEF12, ARHGEF2, ARHGEF3, ARHGEF5, ARHGEF9, ARPP21, ARSA, ARSD, ARSI, ARSK, ASC, ATBP3, ATF1, ATF3, ATF5, ATF6B, ATF7, ATG4B, ATP2C1, ATP5A1, ATP5D, ATP5G2, ATP5G3, ATP5H, ATP5S, ATP6V1B1, ATP6V1H, ATP7B, ATPAF2, ATPG, ATRX,

AURKB, AVEN, AXL, BACH1, BAD, BAD (Cleaved-Asp71), BAGE2, BAGE3, BAGE4, Bak, BARD1, Bax, BCA3, BCL-10, BCLW, beta hCG, beta-2-Microglobulin, Beta-Actin, BIM, BLCAP, BLK, BMP8A, BMX (ETK), B-RAF, BRCA2, BRI3B, BRMS1, BRSK1, BST2, BUB1, BUB1B, BUB3, C1R (light chain, Cleaved-Ile464), C1S, C1S (heavy chain, Cleaved-Arg437), C3AR1, C56D2, C5orf13, C9, C9orf89, CA 15-3, CA125, CA13, CA14, CA181, CA19-9, CA5B, CA6, Cadherin-pan, CAGE1, Calcyclin (S100A6), Calnexin, Calreticulin, CaMK1-beta, CaMK2beta/gamma, CAMK5, cAMP, CARD6, CARKL, CASP1 (p20, Cleaved-Asn120), CASP2 (p18, Cleaved-Gly170), CASP2 (p18, Cleaved-Thr325), CASP3 (p17, Cleaved-Asp175), CASP4 (p20, Cleaved-Gln81), CASP5 (p10, Cleaved-Ser331), CASP5 (p20, Cleaved-Asp121), CASP8 (Cleaved-Asp384), Caspase 10, Caspase 3 (Cleaved-Asp175), Caspase 6 (Cleaved-Asp162), Caspase 7 (Cleaved-Asp198), Caspase 9 (Cleaved-Asp315), Caspase 9 (Cleaved-Asp330), Caspase 9 (Cleaved-Asp353), CATD (heavy chain, Cleaved-Leu169), CATD (light chain, Cleaved-Gly65), Catenin-alpha1, Catenin-beta 1, Catenin-gamma, CATG (Cleaved-Ile21), CATL1 (heavy chain, Cleaved-Thr288), CATL2 (Cleaved-Leu114), CATZ (Cleaved-Leu62), Caveolin-1, CBLN1, CBLN2, CBLN3, CBLN4, CBP (Acetyl-Lys1535), CBR3, CCT6A, CD10, CD14, CD153, CD154 (sCD40-Ligand), CD18 (ITGB2), CD19, CD2 Tail-binding, CD247 (CD3Z), CD253, CD3, CD302, CD31, CD33, CD34, CD37, CD38, CD3E, CD3EAP, CD40 , CD44, CD45, CD55, CD69, CD8, CD80, CD97beta (Cleaved-Ser531), CDC2, CDC25C, CDC40, CDC6, CDC7, CDCA2, CDCA3, CDCA4, CDCA7, CDCP1, CDH10, CDH11, CDH18, CDH2, CDH20, CDH24, CDH3, CDH4, CDH8, CDH9, CDK2, CDK5R1, CDK5R2, CDK7, CDK8, CDKA1, CDKA2, CDKL1, CDKL2, CDKL3, CDKN1B, CDYL2, CEA, CEBPE, CER1, CFAB Bb (Cleaved-Lys260), CHD4, CHK1, CHK2, CHKB, CHML, CHP2, CHST10, CHST2, CHST6, CHST8, CIB1, CIB2, CIB3, CIDEB, CKI-alpha, CKI-alpha1/L, CKI-gamma1, CKI-gamma2, C-Kit, CKLF2, CLASP1, Claudin 1, Claudin 10, Claudin 11, Claudin 2, Claudin 3, Claudin 4, Claudin 5, Claudin 7, CLCC1, CLDN19, CLDN6, CLIC3, CLIC4, CLIP1, CLK1, CLK2, CLN6, CMC1, c-Mer Proto-oncogene Tyrosine Kinase (MER), CMKLR1, CNGA2, CNKR2, CNN2, CNTD2, CNTN4, CNTROB, Cofilin, Collagen alpha1 XVIII, Collagen I, Collagen I alpha2, Collagen I alpha2 (Cleaved-Gly1102), Collagen II, Collagen III, Collagen III alpha1 (Cleaved-Gly1221), Collagen IV, Collagen IV alpha2, Collagen IV alpha3, Collagen IV alpha3 (Cleaved-Leu1425), Collagen IV alpha3 (Cleaved-Pro1426), Collagen IV alpha4, Collagen IV alpha5, Collagen IV alpha6, Collagen IX alpha3, Collagen V alpha1, Collagen V alpha2, Collagen VI alpha3, Collagen XI alpha1, Collagen XII alpha1, Collagen XIV alpha1, Collagen XIX alpha1, Collagen XVIII alpha1, Collagen XX alpha1, Collagen XXIII alpha1, Collagen XXV alpha1, Connexin 43, COPZ1, COT2, COX1, COX11, COX15, COX17, COX19, COX2, COX41, COX7S/A2, CPB2, CPM, CPN1, CPNE8, CREB-BP, CREBZF, CREM, CRP, CRYAB, CSE1L, CSF-1 (MCSF), CSF2 (GM-CSF), CSK, CST1, CST2, CST9L, CSTF2T, CSTL1, cTnI (TNNI3), Cullin 1, Cullin 2, Cullin 3, CXADR, CYB5R1, CYB5R3, Cyclin A, Cyclin A1, Cyclin E1, Cyclin F, Cyclin G, Cyclin L1, Cyclosome 1, CYTL1, Cytochrome b561 D1, Cytochrome c, Cytochrome c-type Heme Lyase, Cytochrome P450 17A1, Cytochrome P450 19A1, Cytochrome P450 1A1/2, Cytochrome P450 1A2, Cytochrome P450 24A1, Cytochrome P450 26A1, Cytochrome P450 26C1, Cytochrome P450 27A1, Cytochrome P450 2A13, Cytochrome P450 2A6, Cytochrome P450 2B6, Cytochrome P450 2C19, Cytochrome P450 2C8, Cytochrome P450 2C8/9/18/19, Cytochrome P450 2D6, Cytochrome P450 2E1, Cytochrome P450 2R1, Cytochrome P450 2S1, Cytochrome P450 2U1, Cytochrome P450 2W1, Cytochrome P450 39A1, Cytochrome P450 3A4/5, Cytochrome P450 3A43, Cytochrome P450 3A7, Cytochrome P450 4F2, Cytochrome P450 4X1, Cytochrome P450 4Z1, Cytochrome P450 7B1, DAK, DAXX, DCC, DCT, DDR1, DDR2, DDX4, Desmin, DFF45 (Cleaved-Asp224), DFFA, DGKD, DGKH, DGKK, Dipeptidyl-peptidase 1 (heavy

chain, Cleaved-Arg394), DJ-1, DLEC1, DMGDH, DNA Polymerase alpha, DNA Polymerase beta, DNA Polymerase lambda, DNA Polymerase theta, DNA Polymerase zeta, DNA Repair Protein Complementing XP-a Cells (XPA), DNAJB11, DNAJB4, DNAL1, DNAL4, DNA-PK, DOK3, DOK4, DOK6, DOK7, DP-1, Dynamin-1, Dynamin-2, Dysferlin, Dyskerin, E2F2, E2F4, E2F6, E-cadherin, EDD, EEF1G, EFEMP1, EFNA1, EFNA2, EFNA2 (Cleaved-Asn188), EFNA3, EFNA4, EFNA5, EFNB3, EGF, EGFR, EGR1, EIF4G2, EKI2, Elk1, ELOVL1, ELOVL3, ELOVL4, ELOVL5, Empty Spot, EMR1, EMR2, EMR3, ENAH, ENDOGL1, eNOS, EPCAM, EPHA1, EPHA6, EPHA7, EPHB1/2/3, EPHB2, EPHB4, EPHB6, EPN2, EPN3, ERAB, ERAS, ERCC1, ERCC5, ERCC6, ERF, ERK2, ERN1 (IRE1), Ezrin, FA10 (activated heavy chain, Cleaved-Ile235), FA12 (heavy chain, Cleaved-Arg372), FA13A (Cleaved-Gly39), FA7 (light chain, Cleaved-Arg212), FABP4, FADD, FAK, FAKD1, FAKD2, FAM84B, FAS, FAS ligand, FER, Ferritin, FES, FGF-1, FGF18, FGF-2, FGF22, FGFR1 Oncogene Partner, FGFR2, FGFR3, FGR, FHIT, Fibrillin-1, Fibronectin, Fibulin 5, FKBPL, FLI1, Flt-1 (VEGFR1), Flt3 ligand, FMN2, Fos, FOXA2, FOXB1/2, FOXJ3, FOXN4, Foxp3, FOXR1, Fra-2, Free PSA (KLK3), FRK, FRS3, FSH, G3BP2, GABA-B Receptor, GABRA6, GABRG1, GAD1, GAD1/2, GADD153, GADD45 beta, GADD45GIP1, Galectin 3, Gamma-glutamyltransferase 4 (heavy chain, Cleaved-Thr472), GANP, GAPDH, GAS1, GAS6, Gastrin, GATA1, GATA3, GCNT7, GFR alpha-1, GGH, GLB1L3, Glucagon, Glucose-6-phosphate isomerase, GluR5, GLUT1, GLUT3, GNL3L, GNPAT, GPR120, GPR132, GPR150, GPR151, GPR152, GPR153, GPR160, GPR171, GPR173, GPR174, GPR175, GPR18, GPRIN1, GPRIN2, GPRIN3, GRAH, Granzyme B, GRB14, GRB2, GRID2, GRK3, GRK5, GRK6, GRK7, GRP75, GRP78, GRP94, GRTP1, GSK3 alpha, GSK3 beta, Guanylate Cyclase beta, HAT, hCG, HCK, HDAC1, HDAC10, HDAC3, HDAC5, HDAC6, HDAC7, HDAC9, HEN1/2, Hepatitis B Surface Antigen, HER2, HER3, Heregulin, Hexokinase-3, HGH, HIPK4, Histone 1F0, Histone H1 (Acetyl-Lys25), Histone H2A (Acetyl-Lys5), Histone H2AX , Histone H2B, Histone H2B (Acetyl-Lys12), Histone H2B (Acetyl-Lys15), Histone H2B (Acetyl-Lys5), Histone H3 (Acetyl-Lys18), Histone H3 (Acetyl-Lys23), Histone H3 (Acetyl-Lys27), Histone H3 (Acetyl-Lys9), Histone H4 (Acetyl-Lys12), Histone H4 (Acetyl-Lys5), Histone H4 (Acetyl-Lys8), HLA-DOA, HLAH, HMG20B, HMGB1, HMGB2, HNF4alpha/gamma, HOXA11/D11, HOXA6, HOXB2, HPRT, HSF2, HSP10, HSP105, HSP40, HSP60, HSP90A, HSPB2, human Albumin, ICAM1, IFN-gamma, IgA, IgE, IGF 1R, IGFBP2, IgG, IGLL1, IgM, Ik3-2, IKB alpha, IKBKB (IKK beta), IKBKE (IKK epsilon), IKK Alpha, IKK-gamma, IL-1 alpha, IL-1 beta, IL-10, IL-1beta (Cleaved-Asp210), IL-2, IL20RB, IL-6, IL-8, ILKAP, Influenza B virus Nucleoprotein, INHA (Inhibin alpha), iNOS, INSL4, Insulin, Integrin alpha-5 (ITGA5), Integrin alpha-5 (ITGA5) (heavy chain, Cleaved-Phe42), Integrin alpha-5 (ITGA5) (light chain, Cleaved-Glu874), Integrin beta5, Involucrin, IP3KA, IP3KC, IP6K2, IP6K3, IPKA, IPKB, IRAK3, IRF4, ITGA6 (light chain, Cleaved-Glu942), ITGA7 (light chain, Cleaved-Glu959), ITGAV (heavy chain, Cleaved-Lys889), ITIH1 (Cleaved-Asp672), ITK (LYK), JAB1, JAK1, JAK2, JAK3, JM4, JNKK, Kallikrein-11 (Cleaved-Ile54), KAP0, KCNA1, KCND1, KCNG3, KCNJ2, KCNJ9, KCNK15, KCNK17, KCNK4, KCNMB2, KCNT1, KCNV2, KDR (VEGFR2), Keratin 1 (CK1), Keratin 10, Keratin 15, Keratin 16, Keratin 17, Keratin 18, Keratin 19, Keratin 20, Keratin 5, Keratin 7, Keratin 8, Ki67, KIAA1967, KIF4A, KITH, KLHL3, KLKB1 (heavy chain, Cleaved-Arg390), KPB1/2, KSR2, Ku70, Ku70/80, LAMA1, LAMA3, LAMA4, LAMA5, LAMB2, LAMB3, LAMC3, Lamin A (Cleaved-Asp230), Laminin, LAMP3, LAT3, LATH, Lck, LDLRAD1, LDLRAD2, LDLRAD3, LDOC1L, LEG4, LEG7, LEG9, LH, LHR2A, LILRA1, LILRA2, LIMK1, LIMK2, LPA, LPL, LRP10, LRP11, LRP3, LRRK1, LW-1, LYN, Lys-acetylated proteins, M3K13, MADD, MAGE-1, Mammaglobin, Mammaglobin B, MAP2K2 (MEK2), MAP2K4, MAP2K6, MAP3K1, MAP3K10, MAP3K3, MAP3K4, MAP3K6, MAP3K9, MAP3KL4, MAP4K3, MAP4K4, MAP4K6, MAPK 11, MAPK10, MAPK15,

MAPK3, MAPK9, March2, March3, March4, March5, MARK, MARK2, MARK3, MARK4, MART-1, MASP1 (heavy chain, Cleaved-Arg448), MAST3, MAST4, MAT1, MATK (CTK), MCL-1, MCL1, MCM2, MCM5, MDFI, MDM2, MDM4, ME1, ME3, MEF2B, MEF2C, MEKKK 1, MEKKK 4, MET, Mevalonate Kinase, mGluR2/3, mGluR4, mGluR6, mGluR7, mGluR8, MGMT, MIPT3, MLH1, MLH3, MLL, Mlx, MMP-1, MMP1 (Cleaved-Phe100), MMP-10, MMP-11, MMP12 (Cleaved-Glu106), MMP-13, MMP-14, MMP14 (Cleaved-Tyr112), MMP-15, MMP15 (Cleaved-Tyr132), MMP-16, MMP17 (Cleaved-Gln129), MMP-19, MMP-2, MMP-23, MMP23 (Cleaved-Tyr79), MMP27 (Cleaved-Tyr99), MMP-3, MMP3 (Cleaved-Phe100), MMP-7, MMP-8, MMP-9, MOK, MPRIP, MPS1, MRC2, MRCKB, MRP9, MSH2, MSH3, MSH6, MTA1, MUC13, Mucin-14, MUM1, MUSK, MUTYH, MYBPC3, MYC, Myeloperoxidase, MYH14, MYH4, MYL2, MYL3, MYLIP, MYO1D, Myoglobin, MYOM1, MYOM2, Myostatin, MYST1, NCK2, NCOA3, NCOA7, NCoR1, NCR1, NCR3, NEDD8, Negative Control, NEGR1, Neurogenin-3, Neuropsin (Cleaved-Val33), NF1, NF-kB p65, NF-kB p65 (Acetyl-Lys310), NFRKB, NFYC, NGFR, NKX2.5, NKX26, NKX3.1, NKX3A, NLE1, NM23, Notch 1 (Cleaved-Val1754), Notch 2 (Cleaved-Ala1734), Notch 2 (Cleaved-Asp1733), Notch 2 (Cleaved-Val1697), NOX3, NOX5, NPTN, NRBF2, Nrf2, NSE, NSG1, NSG2, NT, Nucleophosmin (NPM), NYREN18, Octamer-binding protein 1, Octamer-binding protein 2, Octamer-binding protein 3, Octamer-binding protein 6, ORAV1, ORCTL-2, Osteopontin, p14 ARF, p15 INK, p16 INK, p18 INK, p19 INK4d, p300, p300/CBP, p42 MAPK, p44 MAPK, p44/42 MAPK, p50 CDC37, p50 Dynamitin, p53, p53 (Acetyl-Lys386), p55CDC, p57KIP2, p63, p73, p97 MAPK, PAK2, PAR1, PAR4, PAR4 (Cleaved-Gly48), Parathyroid Hormone, PARK7, Parkin, PARL, PARP, PARP (Cleaved-Asp214), PARP (Cleaved-Gly215), PARP3, Patched, Pax-5, PBOV1, PC, PCNA, PDGFB, PDGFR alpha, PDGFR beta, PDK2, PDRG1, PE2R3, PE2R4, Peripherin, PGP9.5, PHLA1, PIAS1, PIAS2, PIAS3, PIAS4, PIGH, PIGY, PIK3R5, PIP5K, PIP5K1C, Pirh2 (RCHY1), PKCB1, PKM2, PLA1A, PLA2G4C, PLA2G4D, PLA2G4E, PLD4, PLK2, PLK3, PLK5, PML, PMP22, PMS2/PMS2CL, POLD3, POLDIP3, POLE1, POLG2, POLI, Positive Makrer, Potassium Channel Kv3.2b, POTE8, PPGB (32k, Cleaved-Arg326), PPHLN, PPP1R8, PPRC1, Presenilin 1, PRIM1, PRKAB1, PRKX, PRKY, Prolactin, Prostate Apoptosis Response protein-4, Prostate Stem Cell Antigen, Prostate-specific Antigen, Proteinase 3, PROZ, PRPF19, PSA-ACT, PTEN, PTH (Parathyroid Hormone), PTK6 (breast tumor kinase), PTTG1, PYK2 (FAK2), QSK, RAB11FIP2, RAB11FIP3, RAB11FIP4, RAB18, RAB20, Rab25, RAB34, RAB37, RAB38, RAB3GAP1, RAB3GAP2, RAB40B, RAB41, RAB5C, RAB6A, RAB6C, RAB7L1, RABEP1, RABEP2, RAD50, RAD51L1, RAN, RASH/RASK, RASSF2, RASSF4, RASSF6, RBAK, RBM26, RBM5, RCBTB1, RCL, RDX, RED, REN, RET, Retinoic Acid Receptor beta, Retinoid X Receptor gamma, RFPL4A, RFWD2, RGS1, RHG17, RHG22, RHG9, RHOBTB3, RhoH, RIT1, RON, ROR1, RORA, RPC1, RPC4, RPC8, RSK1 (p90 RSK), R-spondin 1, RTN3, S100 A1, S100A10/ P11, S100A16, S100A3, S100B, S100Z, S6K, S6K-alpha2, S6K-alpha6, SAA4, SAR1B, SDCG1, SENP1, SENP2, SENP3, SENP5, SENP6, SENP7, SENP8, Septin-1, Septin-2, Septin-3, Septin-7, Septin-8, SERC1, SERC2, SERC3, Serpin A5, SERPINB7, SERPINB9, SESN1, SGOL1, SHC2, SHC3, SHD, SHIP1, SH-PTP2, SIAH1, SIAH2, Sirp alpha1, SIRPB1, SIRPG, SIX5, SKP1A/p19, SKP2/p45, SLC17A2, SLC24A4, SLC24A6, SLC25A21, SLC25A31, SLC25A6, SLC27A4, SLC27A5, SLC28A2, SLC30A1, SLC30A4, SLC30A8, SLC39A1, SLC39A7, SLC4A11, SLC4A8/10, SLC5A2, SLC5A3, SLC5A6, SLC6A15, SLC6A16, SLC6A6, SLC9A7, SLC9A9, SLCO1A2, SLK, SLU7, Smad1/5/9, Smad4, SMF, SNAI2 (SLUG), SNAP25, SNCA (alpha-synuclein), SND1/P100, SOD1, Sodium Channel-pan, Somatostatin, SORL1, SOX2, SP3/4, SPINK6, SPR1, SPTA2 (Cleaved-Asp1185), SPTBN1, SPTBN5, SRA, SRC, SRPK1, SRY, ST5, ST6GAL1, STAG3, STAT1, STAT3, STAT5A, STAT5A/B, STEA2, STEA3, STEAP4, Stefin A, Stefin B, STK24, STK36, STK39, STMN4, STRAD, STYK1, Sumo1, SUMO2/3

(Cleaved-Gly93), Survivin, SVOP, SYK, Synaptophysin, Synuclein beta, Synuclein gamma, Synuclein-pan, TACC1, TACD1, TAF15, TAF1A, TAF4, TAF5, TAF5L, TAF6L, TALL-2, TBP, TENS3, Testosterone, TGF alpha, TGF beta Receptor II, TGF beta Receptor III, TGF beta1, TGF beta2, TGF beta3, Thioredoxin (TRX), THRB (AP2, Cleaved-Arg327), Thrombin Receptor, Thyroid Hormone Receptor alpha, Thyroid Hormone Receptor beta, TIMP1, TIMP2, TIMP3, TIMP4, TLE2, TLE4, TNF Receptor I, TNF Receptor II, TNF11, TNF12, TNF14, TNFA, TNFL4, TNK1, TNNI3K, TNXB, TOP2A, TOP2B, TOP3B, Total PSA, TP53I11, TP53INP1, TP53INP2, TPD52, TPD54, TRADD, Transglutaminase 2, TrkA, TRXR2, TSH, TSH1, TSH2, TTF2, TUBB3 (Tubulin beta 3), TUBGCP3, TUBGCP4, TUBGCP5, TUBGCP6, Tubulin alpha, Tubulin beta, Tubulin gamma, TUFM, TUSC2, TUSC3, TUSC5, TYRO3, Tyrosinase, Tyrsoine Kinase 2 (Tyk2), UBA2, UBA5, UBAC1, UBAP2L, UBE1L, UBE3B, UBFD1, Ubiquitin, UBR1, UBTD1, ULK3, UNG, UPF1, URB1, Urocortin, USF2, USP13, USP19, USP24, USP30, USP32, USP36, USP42, USP53, USP6NL, VANGL1, Vascular Cell Adhesion Molecule 1 (VCAM1)/CD106, VEGFB, Vimentin, WASF3, WASF4, WDHD1, WEE2, WNT 10B, WNT1, WNT5A, XPF, XRCC1, XRCC2, XRCC3, XRCC3, XRCC4, XRCC5, XRCC6, YAP, YES1, ZADH1, ZADH2, ZAP70, ZHX2, ZP1, ZP4.

3. Phospho-neuro-disorders antibody array (list of 32 antibodies).

CREB(Ab-129), CREB(Ab-133), CREB(Phospho-Ser129), CREB(Phospho-Ser133), GAP43(Ab-41), GAP43(Phospho-Ser41), Merlin(Ab-518), Merlin(Phospho-Ser518), synapsin(Ab-9), synapsin(Phospho-Ser9), Tau(Ab-181), Tau(Ab-205), Tau(Ab-212), Tau(Ab-214), Tau(Ab-231), Tau(Ab-235), Tau(Ab-262), Tau(Ab-356), Tau(Ab-396), Tau(Ab-404), Tau(Ab-422), Tau(Phospho-Ser214), Tau(Phospho-Ser235), Tau(Phospho-Ser262), Tau(Phospho-Ser356), Tau(Phospho-Ser396), Tau(Phospho-Ser404), Tau(Phospho-Ser422), Tau(Phospho-Thr181), Tau(Phospho-Thr205), Tau(Phospho-Thr212), Tau(Phospho-Thr231),