**Resource\_Material\_on\_GM\_Detection\_SCBD\_180415**

| **S. No.** | **Topic** | **Links** | **Remarks** |
| --- | --- | --- | --- |
| **(A)** | **Overview of available detection methods, including validated methods** |
|   | 1 | A High-Throughput Multiplex Method Adapted for GMO Detection | http://pubs.acs.org/doi/abs/10.1021/jf801482r |  |
|   | 2 | A new dual plasmid calibrator for the quantification of the construct specific GM canola Oxy-235 with duplex real-time PCR | http://bch.cbd.int/cms/ui/collaboration/download/download.aspx?id=838 |  |
|   | 3 | A simple DNA extraction method suitable for PCR detection of genetically modified maize | http://onlinelibrary.wiley.com/doi/10.1002/jsfa.3026/pdf |  |
|   | 4 | A Strategy for Designing Multi-Taxa Specific Reference Gene Systems. Example of Application–– ppi Phosphofructokinase (ppi-PPF) Used for the Detection and Quantification of Three Taxa: Maize (Zea mays), Cotton (Gossypium hirsutum) and Rice (Oryza sativa) | http://bch.cbd.int/cms/ui/collaboration/download/download.aspx?id=834 |  |
|   | 5 | Advances in molecular techniques for the detection and quantification of genetically modified organisms | http://link.springer.com/article/10.1007%2Fs00216-008-1868-4 |  |
|   | 6 | An accurate real-time PCR test for the detection and quantification of cauliflower mosaı¨c virus (CaMV): applicable in GMO screening | http://bch.cbd.int/cms/ui/collaboration/download/download.aspx?id=833 |  |
|   | 7 | An innovative and integrated approach based on DNA walking to identify unauthorised GMOs | http://bch.cbd.int/cms/ui/collaboration/download/download.aspx?id=845 |  |
|   | 8 | Analytical methods for detection and determination of genetically modified organisms in agricultural crops and plant-derived food products | http://bch.cbd.int/cms/ui/collaboration/download/download.aspx?id=813 |  |
|   | 9 | Applicability of Three Alternative Instruments for Food Authenticity Analysis: GMO Identification | http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3065168/pdf/BTRI2011-838232.pdf |  |
|   | 10 | Aspecte metodologice în testarea plantelor modificate genetic (Romanian) | http://www.biosafety.md/public/209/ro/Aspecte\_.pdf |  |
|   | 11 | Compendium of reference methods for GMO analysis | http://publications.jrc.ec.europa.eu/repository/bitstream/111111111/22754/1/gmo-jrc\_reference%20report\_2011\_publ.pdf |  |
|   | 12 | Detecting un-authorized genetically modified organisms (GMOs) and derived materials | http://www.sciencedirect.com/science/article/pii/S0734975012000377 |  |
|   | 13 | Detection of genetically modified plants – methods to sample and analyse GMO content in plants and plant products. | http://www.sns.dk/erhvogadm/biotek/REPORT\_rev\_maj.pdf |  |
|   | 14 | Detection of Living Modified Organisms (LMOs) and the Need for Capacity Building | http://ris.org.in/images/RIS\_images/pdf/vol7no3\_article4.pdf |  |
|   | 15 | Development and validation of a multiplex real-time PCR method to simultaneously detect 47 targets for the identification of genetically modified organisms | http://bch.cbd.int/cms/ui/collaboration/download/download.aspx?id=853 |  |
|   | 16 | Development and validation of duplex, triplex, and pentaplex real-time PCR screening assays for the detection of genetically modified organisms in food and feed. | http://bch.cbd.int/cms/ui/collaboration/download/download.aspx?id=850 |  |
|   | 17 | Development and validation of real-time PCR screening methods for detection of cry1A.105 and cry2Ab2 genes in genetically modified organisms | http://bch.cbd.int/cms/ui/collaboration/download/download.aspx?id=851 |  |
|   | 18 | Development of 10 new screening PCR assays for GMO detection targeting promoters (pFMV, pNOS, pSSuAra, pTA29, pUbi, pRice actin) and terminators (t35S, tE9, tOCS, tg7) | http://bch.cbd.int/cms/ui/collaboration/download/download.aspx?id=852 |  |
|   | 19 | Development of a Molecular Platform for GMO Detection in Food and Feed on the Basis of “Combinatory qPCR” Technology | http://bch.cbd.int/cms/ui/collaboration/download/download.aspx?id=754 |  |
|   | 20 | Development of a Real-Time PCR Method for the Differential Detection and Quantification of Four Solanaceae in GMO Analysis: Potato (Solanum Tuberosum), Tomato (Solanum Lycopersicum), Eggplant (Solanum Melongena), and Pepper (Capsicum Annuum) | http://pubs.acs.org/doi/abs/10.1021/jf073313n |  |
|   | 21 | Development of a Seven-Target Multiplex PCR for the Simultaneous Detection of Transgenic Soybean and Maize in Feeds and Foods | http://bch.cbd.int/cms/ui/collaboration/download/download.aspx?id=857 |  |
|   | 22 | Development of real-time PCR method for the detection and the quantification of a new endogenous reference gene in sugar beet ‘‘Beta vulgaris L.’’: GMO application | http://bch.cbd.int/cms/ui/collaboration/download/download.aspx?id=837 |  |
|   | 23 | Four new SYBRGreen qPCR screening methods for the detection of Roundup Ready, LibertyLink, and CryIAb traits in genetically modified products | http://bch.cbd.int/cms/ui/collaboration/download/download.aspx?id=844 |  |
|   | 24 | ISO 21569:2005 Foodstuffs -- Methods of analysis for the detection of genetically modified organisms and derived products -- Qualitative nucleic acid based methods | http://www.iso.org/iso/catalogue\_detail.htm?csnumber=34614 |  |
|   | 25 | ISO 21570:2005 Foodstuffs -- Methods of analysis for the detection of genetically modified organisms and derived products -- Quantitative nucleic acid based methods | http://www.iso.org/iso/catalogue\_detail.htm?csnumber=34615 |  |
|   | 26 | Methodological Guidelines 1 (Russian) | http://bch.cbd.int/cms/ui/collaboration/download/download.aspx?id=818 |  |
|   | 27 | Methodological Guidelines 2 (Russian) | http://bch.cbd.int/cms/ui/collaboration/download/download.aspx?id=819 |  |
|   | 28 | Methods for detection of GMOs in food and feed | http://bch.cbd.int/cms/ui/collaboration/download/download.aspx?id=814 |  |
|   | 29 | Minimum cost acceptance sampling plans for grain control, with application to GMO detection | http://bch.cbd.int/cms/ui/collaboration/download/download.aspx?id=815 |  |
|   | 30 | Molecular Identification of Four Genetically Modified Maize (Bt11, Bt176, Mon810 and T25) by Duplex Quantitative Real-Time PCR | http://link.springer.com/article/10.1007%2Fs12161-013-9667-8 |  |
|   | 31 | Monitoring of Genetically Modified Food and Feed in the Tunisian Market Using Qualitative and Quantitative Real-time PCR | http://bch.cbd.int/cms/ui/collaboration/download/download.aspx?id=835 |  |
|   | 32 | New approaches in GMO detection | http://link.springer.com/article/10.1007%2Fs00216-009-3237-3 |  |
|   | 33 | New approaches in GMO Detection: Detection of unapproved GMOs | http://bch.cbd.int/cms/ui/collaboration/download/download.aspx?id=817 |  |
|   | 34 | PCR-Based Detection of Genetically Modified Foods | http://ucbiotech.org/resources/methods/GMO\_detection.pdf |  |
|   | 35 | PCR-Based Detection of Genetically Modified Soybean and Maize in Raw and Highly Processed Foodstuffs | http://www.biotechniques.com/multimedia/archive/00011/01312pf01\_11584a.pdf |  |
|   | 36 | Practical Experiences with an Extended Screening Strategy for Genetically Modified Organisms (GMOs) in Real-Life Samples | http://bch.cbd.int/cms/ui/collaboration/download/download.aspx?id=848 |  |
|   | 37 | Production of Certified Reference Materials for the Detection of Genetically Modified Organism | http://lib3.dss.go.th/fulltext/Journal/J.AOAC%201999-2003/J.AOAC2002/v85n3(may-jun)/v85n3p775.pdf |  |
|   | 38 | Qualitative and Quantitative Polymerase Chain Reaction Analysis for Genetically Modified Maize MON863 | http://bch.cbd.int/cms/ui/collaboration/download/download.aspx?id=849 |  |
|   | 39 | Real-time PCR Verfahren zum Nachweis gentechnisch veränderter Rapslinien mit dem bar/T-g7-Genkonstrukt (German) | http://bch.cbd.int/cms/ui/collaboration/download/download.aspx?id=856 |  |
|   | 40 | Real-Time PCR zur quantitativen Bestimmung gentechnisch veränderter Rapslinien mit dem 35S/pat-Genkonstrukt (German) | http://bch.cbd.int/cms/ui/collaboration/download/download.aspx?id=855 |  |
|   | 41 | Relative quantification in seed GMO analysis: state of art and bottlenecks | http://link.springer.com/article/10.1007/s11248-012-9684-1 |  |
|   | 42 | Report on the Validation of a DNA Extraction Method for Maize seeds and Grains | http://gmo-crl.jrc.ec.europa.eu/summaries/MON88017\_DNAExtr\_report.pdf |  |
|   | 43 | Sampling and analysis guidelines for the detection of genetically modified flax | http://www.bvl.bund.de/SharedDocs/Downloads/06\_Gentechnik/Fachmeldungen/GVO\_Flax.pdf;jsessionid=6F3DC99F30ECEFE822332E7609D76721.1\_cid332?\_\_blob=publicationFile&v=2 |  |
|   | 44 | Sampling and detection of living modified organisms: Sampling methodology | http://bch.cbd.int/cms/ui/collaboration/download/download.aspx?id=816 |  |
|   | 45 | Statistical considerations in seed purity testing for transgenic traits | http://www.seeds.iastate.edu/publications/stat/Seed%20Purity%20Testing.pdf |  |
|   | 46 | Statistical Tools for Seed Testing | http://seedtest.org/en/stats-tool-box-\_content---1--1143.html |  |
|   | 47 | Testing for adventitious presence of transgenic material in conventional seed or grain lots using quantitative laboratory methods: statistical procedures and their implementation | http://www.seeds.iastate.edu/publications/stat/SSR01500197.pdf |  |
|   | 48 | Training Manual on the Analysis of Food Samples for the Presence of Genetically Modified Organisms | http://gmo-crl.jrc.ec.europa.eu/capacitybuilding/manuals/Manual%20EN/User%20Manual%20EN%20full.pdf |  |
|   | 49 | Training Manual on the Analysis of Food Samples for the Presence of Genetically Modified Organisms (Arabic) | http://www.fao.org/biotech/biotech-add-edit-section/biotech-add-edit-news/biotech-news-detail/en/c/168577/ |  |
|   | 50 | Validation and collaborative study of a P35S and T-nos duplex real-time PCR screening method to detect genetically modified organisms in food products | http://bch.cbd.int/cms/ui/collaboration/download/download.aspx?id=846 |  |
|   | 51 | Validation of a newly developed hexaplex real-time PCR assay for screening for presence of GMOs in food, feed and seed | http://bch.cbd.int/cms/ui/collaboration/download/download.aspx?id=854 |  |
| **(B)** | **Overview of available databases of methods, and screening matrices for the detection of living modified organisms** |
|   | 52 | A practical approach to screen for authorised and unauthorised genetically modified plants | http://link.springer.com/article/10.1007%2Fs00216-009-3173-2 |  |
|  | 53 | BioTrack Product Database | http://www2.oecd.org/biotech/default.aspx |  |
|  | 54 | BIOTradeStatus | http://www.biotradestatus.com/ |  |
|  | 55 | CERA LM Crop Database | http://cera-gmc.org/index.php?action=gm\_crop\_databas |  |
|  | 56 | Combinatory SYBR®Green qPCR Screenin | http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2836468/pdf/216\_2009\_Article\_3286.pdf |  |
|  | 57 | CropLife International Detection Methods Database | www.detection-methods.com |  |
|  | 58 | EU Database of Reference Methods for GMO Analysis | http://gmo-crl.jrc.ec.europa.eu/gmomethods |  |
|  | 59 | EU-RL GMFF validation process | http://gmo-crl.jrc.ec.europa.eu/StatusOfDossiers.aspx |  |
|  | 60 | GMDD: a database of GMO detection methods | http://www.biomedcentral.com/1471-2105/9/260 |  |
|  | 61 | GMO Checker | http://cse.naro.affrc.go.jp/jmano/UnapprovedGMOChecker\_v2\_01.zip |  |
|  | 62 | GMO Detection Method Database | http://gmdd.shgmo.org/ |  |
|  | 63 | GMOfinder—A GMO Screening Database | http://link.springer.com/article/10.1007%2Fs12161-012-9378-6 |  |
|  | 64 | GMOMETHODS: The European Union Database of Reference Methods for GMO Analysis | http://www.ingentaconnect.com/content/aoac/jaoac/2012/00000095/00000006/art00024?token=0057177ebfb259639412f415d7678257345552b427a406342253048296a7c2849266d656c5b44372999a6b3 |  |
|  | 65 | GMOtrack: Generator of Cost-Effective GMO Testing Strategies | http://kt.ijs.si/software/GMOtrack/ |  |
|  | 66 | Practical experiences with an extended screening strategy for genetically modified organisms (GMOs) in real-life samples | http://pubs.acs.org/doi/abs/10.1021/jf4018146 |  |
|  | 67 | Real-time PCR array as a universal platform for the detection of genetically modified crops and its application in identifying unapproved genetically modified crops in Japan | http://pubs.acs.org/doi/abs/10.1021/jf802551h?journalCode=jafcau |  |
|  | 68 | Reference Materials for GMO Detection | http://www.bvl.bund.de/SharedDocs/Downloads/06\_Gentechnik/nachweis\_kontrollen/referenzmaterialien.html?nn=1404276 |  |
|  | 69 | The GMOseek matrix a decision support tool for optimizing the detection of genetically modified plants | http://kt.ijs.si/software/GMOtrack/GMOseek.html |  |
|  | 70 | The GMOseek matrix: a decision support tool for optimizing the detection of genetically modified plants. | http://www.biomedcentral.com/1471-2105/14/256 |  |
|  | 71 | Waiblinger Screening Table | http://www.bvl.bund.de/SharedDocs/Downloads/09\_Untersuchungen/screening\_tabelle\_gvoNachweis\_2013.html |  |
| **(C)**  | **Minimum performance criteria for sample handling, extraction, detection and identification methodology** |
|   | 72 | Guidelines on performance criteria and validation of methods for detection, identification and quantification of specific DNA sequences and specific proteins in foods | http://bch.cbd.int/cms/ui/collaboration/download/download.aspx?id=867 |  |
|   | 73 | Validities of mRNA quantification using recombinant RNA and recombinant DNA external calibration curves in real-time RT-PCR | http://www.wzw.tum.de/gene-quantification/pfaffl-hageleit-bl-2001.pdf |  |
|   | 74 | A new mathematical model for relative quantification in real-time RT-PCR | http://www.gene-quantification.com/pfaffl-nar-2001.pdf |  |
|   | 75 | Accreditation of facilities testing for genetically modified organisms (GMO) | http://bch.cbd.int/cms/ui/collaboration/download/download.aspx?id=871 |  |
|   | 76 | Application of the Modular Approach to an In-House Validation Study of Real-Time PCR Methods for the Detection and Serogroup Determination of Verocytotoxigenic Escherichia coli | http://aem.asm.org/content/77/19/6954.full.pdf |  |
|   | 77 | Biological Testing ISO/IEC 17025 Application Document NATA | http://bch.cbd.int/cms/ui/collaboration/download/download.aspx?id=872 |  |
|   | 78 | Coherence between Legal Requirements and Approaches for Detection of Genetically Modified Organisms (GMOs) and Their Derived Products | http://pubs.acs.org/doi/abs/10.1021/jf052849a |  |
|   | 79 | Comparison of nine different real-time PCR chemistries for qualitative and quantitative applications in GMO detection | http://works.bepress.com/cgi/viewcontent.cgi?article=1031&context=torstein |  |
|   | 80 | Criteria for Accreditation of Laboratories Testing Genetically Modified Organism | http://bch.cbd.int/cms/ui/collaboration/download/download.aspx?id=771 |  |
|   | 81 | Critical points of DNA quantification by real-time PCR – effects of DNA extraction method and sample matrix on quantification of genetically modified organisms | http://www.biomedcentral.com/1472-6750/6/37 |  |
|   | 82 | Definition of Minimum Performance Requirements for Analytical Methods of GMO Testing | http://gmo-crl.jrc.ec.europa.eu/doc/Min\_Perf\_Requirements\_Analytical\_methods.pdf |  |
|   | 83 | Detection Methods and Performance Criteria for Genetically Modified Organisms | http://lib3.dss.go.th/fulltext/Journal/J.AOAC%201999-2003/J.AOAC2002/v85n3(may-jun)/v85n3p801.pdf |  |
|   | 84 | Detection of genetically modified organisms (GMOs) using isothermal amplification of target DNA sequences | http://www.biomedcentral.com/1472-6750/9/7/ |  |
|   | 85 | Development of sampling approaches for the determination of the presence of genetically modified organisms at the field level | http://link.springer.com/article/10.1007%2Fs00216-009-3406-4 |  |
|   | 86 | European technical guidance document for the flexible scope accreditation of laboratories quantifying GMOs | http://bch.cbd.int/cms/ui/collaboration/download/download.aspx?id=873 |  |
|   | 87 | Guidelines for the validation and use of Immunoassays for determination of introduced proteins in biotechnology enhanced crops and derived food ingredients | http://www.aeicbiotech.org/WhitePapers/protein\_doc.pdf |  |
|   | 88 | Guidelines on performance criteria and validation of methods for detection, identification and quantification of specific DNA sequences and specific proteins in foods | http://www.fao.org/fileadmin/user\_upload/gmfp/resources/CXG\_074e.pdf |  |
|   | 89 | Immunoassay as an Analytical Tool in Agricultural Biotechnology | http://bch.cbd.int/cms/ui/collaboration/download/download.aspx?id=870 |  |
|   | 90 | Increased efficacy for in-house validation of real-time PCR GMO detection methods | http://link.springer.com/article/10.1007/s00216-009-3315-6 |  |
|   | 91 | Influence of DNA extraction methods, PCR inhibitors and quantification methods on real-time PCR assay of biotechnology-derived traits | http://link.springer.com/article/10.1007%2Fs00216-009-3150-9 |  |
|   | 92 | ISPAM Guidelines for Validation of Qualitative Binary Chemistry Methods | http://www.eoma.aoac.org/app\_n.pdf |  |
|   | 93 | ISTA International Rules for Seed Testing | http://www.seedtest.org/en/international-rules-\_content---1--1083.html |  |
|   | 94 | Kernel Lot Distribution Assessment (KeLDA): a Comparative Study of Protein and DNA-Based Detection Methods for GMO Testing | http://bch.cbd.int/cms/ui/collaboration/download/download.aspx?id=875 |  |
|   | 95 | Laboratory Quality Assurance/Quality Control | http://www.env.gov.bc.ca/epd/wamr/labsys/lab-manual/pdf/2013/section-a-2013.pdf |  |
|   | 96 | Polymerase Chain Reaction Technology as Analytical Tool in Agricultural Biotechnology | http://bch.cbd.int/cms/ui/collaboration/download/download.aspx?id=868 |  |
|   | 97 | Principles for the use of sampling and testing in international food trade | http://www.codexalimentarius.org/download/standards/13276/CXG\_083e.pdf |  |
|   | 98 | QMS For Laboratories Testing and Calibration ISO 17025 | http://bch.cbd.int/cms/ui/collaboration/download/download.aspx?id=886 |  |
|   | 99 | Quality Assurance/Quality Control Guidance for Laboratories Performing PCR Analyses on Environmental Samples | http://www.epa.gov/ogwdw/ucmr/ucmr1/pdfs/guidance\_ucmr1\_qa-qc.pdf |  |
|   | 100 | Selective control of primer usage in multiplex one-step reverse transcription PCR | http://www.biomedcentral.com/1471-2199/10/113 |  |
|   | 101 | Testing the interaction between analytical modules: an example with Roundup Ready® soybean line GTS 40-3-2 | http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2927498/pdf/1472-6750-10-55.pdf |  |
|   | 102 | Testing the Robustness of Validated Methods for Quantitative Detection of GMOs Across qPCR Instruments | http://link.springer.com/article/10.1007%2Fs12161-012-9445-z |  |
|   | 103 | The International Vocabulary of Metrology | http://www.bipm.org/utils/common/documents/jcgm/JCGM\_200\_2008.pdf |  |
|   | 104 | The MIQE Guidelines: Minimum Information for Publication of Quantitative Real-Time PCR Experiments | http://www.gene-quantification.com/miqe-bustin-et-al-clin-chem-2009.pdf |  |
|   | 105 | Use of pJANUS™-02-001 as a calibrator plasmid for Roundup Ready soybean event GTS-40-3-2 detection: an interlaboratory trial assessment | http://bch.cbd.int/cms/ui/collaboration/download/download.aspx?id=877 |  |
|   | 106 | Verification of analytical methods for GMO testing when implementing interlaboratory validated methods | http://gmo crl.jrc.ec.europa.eu/doc/ENGL%20MV%20WG%20Report%20July%202011.pdf |  |
|   | 107 | Verification of real-time PCR methods for qualitative and quantitative testing of genetically modified organisms | http://bch.cbd.int/cms/ui/collaboration/download/download.aspx?id=874 |  |
| **(D)** | **Experience and case studies on detection and identification** |
|   | 108 | A Scientific Framework for Assessing Transgenic Organisms in the Environment | http://bch.cbd.int/cms/ui/collaboration/download/download.aspx?id=804 |  |
|   | 109 | Detecting adventitious transgenic events in a maize center of diversity | http://bch.cbd.int/cms/ui/collaboration/download/download.aspx?id=799 |  |
|   | 110 | Detection of Genetically Modified Organisms (GMOs) Using Molecular Techniques in Food and Feed Samples from Malaysia and Vietnam | http://bch.cbd.int/cms/ui/collaboration/download/download.aspx?id=797 |  |
|   | 111 | Developing a Policy for Low-Level Presence (LLP): A Canadian Case Study | http://agbioforum.org/v16n1/v16n1a04-tranberg.pdf |  |
|   | 112 | Development of an event-specific Real-time PCR detection method for the transgenic Bt rice line KMD1 | http://bch.cbd.int/cms/ui/collaboration/download/download.aspx?id=803 |  |
|   | 113 | Identification and detection method for genetically modified papaya resistant to papaya ringspot virus YK strain. | http://bch.cbd.int/cms/ui/collaboration/download/download.aspx?id=809 |  |
|   | 114 | Indicated Detection of Two Unapproved Transgenic Rice Lines Contaminating Vermicelli Products | http://bch.cbd.int/cms/ui/collaboration/download/download.aspx?id=802 |  |
|   | 115 | Japanese Experience of Developing of Detection Methods for Unapproved GM papaya | http://bch.cbd.int/cms/ui/collaboration/download/download.aspx?id=810 |  |
|   | 116 | Low Level Presence of Transgenic Plants in Seed and Grain Commodities: Environmental Risk/Safety Assessment, and Availability and Use of Information | http://bch.cbd.int/cms/ui/collaboration/download/download.aspx?id=805 |  |
|   | 117 | Overview on the detection, interpretation and reporting on the presence of unauthorised genetically modified materials | http://gmo-crl.jrc.ec.europa.eu/doc/2011-12-12%20ENGL%20UGM%20WG%20Publication.pdf |  |
|   | 118 | Post-Moratorium EU Regulation of Genetically Modified Products: Triffid Flax | http://bch.cbd.int/cms/ui/collaboration/download/download.aspx?id=801 |  |
|   | 119 | Practicality of detection of genetically modified organisms (GMOs) in food. | http://bch.cbd.int/cms/ui/collaboration/download/download.aspx?id=808 |  |
|   | 120 | Technical Consultation on Low Levels of Genetically Modified (GM) Crops in International Food and Feed Trade | http://www.fao.org/food/food-safety-quality/a-z-index/biotechnology/LLP/en/ |  |
|   | 121 | Technical Guidance document from the EURL for GM food and feed on the Implementation of Commission Regulation (EU) No 619/2011 | http://gmo-crl.jrc.ec.europa.eu/doc/Technical%20Guidance%20from%20EURL%20on%20LLP.pdf |  |
|   | 122 | The results of the FAO survey on low levels of genetically modified (GM) crops in international food and feed trade | http://bch.cbd.int/cms/ui/collaboration/download/download.aspx?id=800 |  |