Product Environmental Profile

2-way switch cubyko/W.1 wall mounted grey

Company information

Hager
132 Boulevard d'Europe
F 67215 Obernai Cedex
www.hagergroup.com

A question concerning the Product Environmental Profile: infopep@hager.com

References covered

For complete list of the covered references, see details in Appendix.

Methodology

PEP has been performed according to the PCR version PEP-PCR-ed4-2021 09 06 and PSR version PSR-0005-ed3.1-2023 12 08 issued by the PEP ecopassport program.
For further information, please see the website of the program www.pep-ecopassport.org

Reference product

Reference product identification
WNC001

Use scenario based on :
PSR product Category : PSR-0005-ed3.1-2023 12 08
Switches

Functional unit

Establish, support and interrupt the rated current 10A and rated voltage 230V, for a wall-mounted, according to the appropriate use scenario, and for the reference service life of the product of 20 years.

The functional unit is based on the use scenario recommended by the PCR for the category of the reference product.

Materials and substances

All useful measures have been adopted to ensure that the materials used in the composition of the product do not contain any substances banned by the legislation in force at the time of marketing.

Plastics			Metals			Others		
	g	%		g	%		g	%
PP	74.96	46.5%	Brass	5.47	3.4%	Cardboard	34.63	21.5%
SBR	13.44	8.3%	Zinc	2.40	1.5%	Wood	3.84	2.4%
PC	12.38	7.7%	Stainless steel	1.36	0.8%	Glass	2.59	1.6%
PA66	3.44	2.1%	Silicon	0.07	<0.1%	Other	1.58	1.0%
PA6	1.92	1.2%	Silver	0.02	<0.1%	Paper	0.92	0.6%
PE-LD	0.77	0.5%	Nickel	0.00	<0.1%	Other	1.41	0.9%
Total mass of reference product with raw material packaging :			**161.19 g**					
Total mass of reference product (Product + packaging)			**153.52 g**					

System Boundaries

The environmental information included in the PEP covers all the stages of the life cycle, from "cradle to grave".

Manufacturing			Distribution	Installation	Use							End of life				Module D
Raw material extraction and processing	Transport to the manufacturer	Manufacturing	Distribution to the place of operation	Installation on the place of operation	Use or application of the product installed	Maintenance	Repair	Replacement	Restoration	Energy requirements during the use stage	Water requirements during the use stage	Deinstallation	Transport to the waste treatment site	Treatment of waste in view of its reuse, recovery and/or recycling	Disposal	Benefits and loads beyond the system boundaries
A1	A2	A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
Life cycle stages																

Manufacturing

These products are manufactured by a site that has received an environmental certification ISO 14001.

This phase takes into account raw materials, manufacturing processes, production offcuts and their end-of-life treatment, upstream transport of materials and sub-assemblies to the manufacturing site, and transport from the manufacturing site to the final logistics platform.

Distribution

The packaging has been designed in accordance with current regulations. In particular, the European directive 94/62/CE relative to packaging and packaging waste.

The used packaging is 100% recyclable or recoverable.
Packaging and logistic flows are continuously improved in order to reduce their impact.

This phase taken into account the transport of the finished product, including packaging, to its place of use.

Installation

Installation processes

The processes to install the product are not considered in this study because of their weak impact compared to the other life cycles steps.

This phase only take into account the impact of the packaging waste treatment is taken account.

Installation elements (non delivered with the product)

Elements non delivered with the product and needed to install the product are not considered.

Use

Power loss / load dependent			
Active mode		Inactive mode	
Watt	% of time	Watt	% of time
0.002942	30%	0	70%

Power consumption / not load dependent					
Active Sleep phase		Passive Sleep phase		Turn off phase	
Watt	% of time	Watt	% of time	Watt	% of time
0	100%	0	0%	0	0%

This corresponds to a total energy consumption of 0.15 kWh for the use span of 20 years.

Energy model of the use phase :
Europe

Consumables and maintenance :
None

End of life

Considering the complexity of the recycling channels for electric and electronic equipment impacts, we rely mainely on ESR modules (datasets for WEEE product end of life).

The recycling potential of the product is: 59%. The calculation of this rate is based on the method of the IEC/TR 62635.

Environmental impacts

Evaluation of the environmental impact covers the following life cycle stages: raw materials + manufacturing (RMM), distribution (D), installation (I), use (U) and end of life (EoL).

All calculations are done with EIME software version 6.3.1-3 with the database version CODDE-2025-04 .
Indicators set : Indicators for PEF EF 3.1 (Compliance: PEP ed.4, EN15804+A2) v2.0
PEP representative of the covered products marketed in: Europe
Energy models considered for each phase

Manufacturing A1-A3	Distribution A4	Installation A5	Use B1-B7	End Of Life C1-C4
Europe	-	Europe	Europe	Europe

Environmental impact indicators

Indicators	Unit	Manufacturing A1-A3	Distribution A4	Installation A5	Use B1-B7	End Of Life C1-C4	GLOBAL	Module D
Acidification (PEF-AP)	mole H+ eq.	3.43E-03	4.06E-05	1.12E-04	3.28E-04	6.25E-04	4.54E-03	-2.00E-03
Climate change - Total (PEF-GWP)	kg CO2 eq.	5.67E-01	2.57E-02	8.88E-02	6.27E-02	1.26E-01	8.70E-01	-1.33E-01
Climate change-Biogenic (PEF-GWPb)	kg CO2 eq.	-3.47E-02	1.05E-07	5.33E-02	1.38E-03	9.40E-03	2.94E-02	-3.80E-03
Climate change-Fossil (PEF-GWPf)	kg CO2 eq.	6.02E-01	2.57E-02	3.55E-02	6.13E-02	1.17E-01	8.41E-01	-1.29E-01
Climate change-Land use and land use change (PEF-GWPlu)	kg CO2 eq.	2.22E-05	3.89E-08	2.64E-10	0.00E+00	9.00E-10	2.22E-05	0.00E+00
Ecotoxicity, freshwater (PEF-CTUe)	CTUe	1.91E+02	7.50E-01	5.01E-01	9.39E-02	4.55E-01	1.93E+02	-1.10E+00
EF-particulate Matter (PEF-PM)	Incidence of diseases	2.39E-08	3.49E-10	6.59E-10	2.57E-09	5.17E-09	3.27E-08	-8.15E-09
Eutrophication, freshwater (PEF-Epf)	kg P eq.	7.95E-06	9.61E-08	4.91E-07	1.50E-07	6.97E-07	9.38E-06	-1.67E-04
Eutrophication, marine (PEF-Epm)	kg N eq.	4.72E-04	7.37E-06	4.60E-05	3.84E-05	2.20E-04	7.84E-04	-1.45E-04
Eutrophication, terrestrial (PEF-Ept)	mole of N eq.	5.24E-03	8.08E-05	3.37E-04	6.15E-04	1.29E-03	7.56E-03	-1.74E-03
Human toxicity, cancer (PEF-CTUh-c)	CTUh	1.95E-08	5.04E-12	3.92E-09	7.75E-12	1.08E-10	2.35E-08	-3.88E-10
Human toxicity, non-cancer (PEF-CTUh-nc)	CTUh	2.17E-08	9.61E-11	1.08E-10	1.84E-10	2.07E-09	2.41E-08	-2.00E-08
Ionising radiation, human health (PEF-IR)	kg Bq U235 eq.	1.66E+00	9.10E-04	5.10E-03	8.20E-02	8.80E-03	1.76E+00	-1.55E+00
Land use (PEF-LU)	No dimension	1.01E-01	1.10E-04	1.18E-04	1.66E-03	1.96E-01	2.99E-01	-1.88E+00
Ozone depletion (PEF-ODP)	kg CFC-11 eq.	1.85E-08	3.12E-10	5.21E-10	2.68E-10	1.28E-08	3.24E-08	-3.85E-09
Photochemical ozone formation - human health (PEF-POCP)	kg of NMVOC eq.	1.66E-03	2.61E-05	7.69E-05	1.22E-04	3.51E-04	2.23E-03	-5.99E-04
Resource use, fossils (PEF-ADPf)	MJ	1.47E+01	4.57E-01	3.67E-01	1.50E+00	1.53E+00	1.85E+01	-3.96E+00
Resource use, minerals and metals (PEF-ADPe)	kg Sb eq	5.82E-04	9.17E-09	1.87E-09	2.03E-08	4.24E-07	5.82E-04	-6.24E-06
Water use (PEF-WU)	m3 eq.	2.59E-01	9.26E-04	3.09E-03	4.75E-03	1.46E+01	1.48E+01	-2.45E+01

Resource use indicators

Indicators	Unit	Manufacturing A1-A3	Distribution A4	Installation A5	Use B1-B7	End Of Life C1-C4	GLOBAL	Module D
Net use of fresh water	m3	6.06E-03	2.16E-05	2.38E-04	1.11E-04	4.81E-01	4.87E-01	-5.83E-01
Total primary energy	MJ	1.58E+01	4.58E-01	4.16E-01	1.85E+00	1.62E+00	2.02E+01	-4.30E+00
Total non renewable primary energy	MJ	1.47E+01	4.57E-01	3.67E-01	1.50E+00	1.53E+00	1.85E+01	-3.96E+00
Total renewable primary energy	MJ	1.14E+00	1.44E-03	4.93E-02	3.52E-01	9.88E-02	1.64E+00	-3.44E-01
Non renewable primary energy used as energy	MJ	9.64E+00	4.57E-01	3.67E-01	1.50E+00	1.53E+00	1.35E+01	-3.96E+00
Non renewable primary energy used as raw material	MJ	5.04E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E+00	0.00E+00
Use of non renewable secondary fuels	MJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Renewable primary energy used as energy	MJ	8.62E-01	1.44E-03	4.93E-02	3.52E-01	9.88E-02	1.36E+00	-3.44E-01
Renewable primary energy used as raw material	MJ	2.75E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-01	0.00E+00
Use of renewable secondary fuels	MJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Use of secondary material	kg	2.34E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-02	0.00E+00

Waste category indicators

Indicators	Unit	Manufacturing A1-A3	Distribution A4	Installation A5	Use B1-B7	End Of Life C1-C4	GLOBAL	Module D
Hazardous waste disposed	kg	7.09E-01	1.08E-04	1.99E-03	1.73E-03	3.67E-03	7.16E-01	-5.31E-16
Non hazardous waste disposed	kg	2.94E-01	2.39E-03	1.03E-02	9.44E-03	5.36E-04	3.17E-01	-1.06E-15
Radioactive waste disposed	kg	5.51E-05	1.89E-06	2.34E-06	2.23E-06	2.40E-07	6.18E-05	0.00E+00

Output flow indicators

Indicators	Unit	Manufacturing A1-A3	Distribution A4	Installation A5	Use B1-B7	End Of Life C1-C4	GLOBAL	Module D
Components for re-use	kg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Exported energy	MJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Materials for energy recovery	kg	1.75E-03	0.00E+00	2.94E-03	0.00E+00	0.00E+00	4.69E-03	0.00E+00
Materials for recycling	kg	8.42E-03	0.00E+00	2.68E-02	0.00E+00	0.00E+00	3.52E-02	0.00E+00

Biogenic carbon content

Packaging	Unit	Cardboard	Paper	Wood	Sum
Biogenic carbon content (ratio)	%	2.80E+01	3.78E+01	3.95E+01	
Mass	kg	3.46E-02	9.24E-04	3.84E-03	3.94E-02
Biogenic carbon content (declared unit)	kg of C	9.70E-03	3.49E-04	1.52E-03	1.16E-02
Biogenic carbon content (functional unit)	kg of C	9.70E-03	3.49E-04	1.52E-03	1.16E-02
Source		ADEME	APESA/RECORD	EN 16485	

Product	Unit	Cardboard	Paper	Wood	Sum
Mass	kg	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Biogenic carbon content (declared unit)	kg of C	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Biogenic carbon content (functional unit)	kg of C	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Extrapolation rules

For each reference in this homogeneous family (see Appendix), the environmental impacts for each phase and indicator are derived from life-cycle analysis (LCA).

Verification

Registration N°: HAGE-01397-V01.01-EN	Drafting Rules	PEP-PCR-ed4-2021 09 06
	Supplemented by	PSR-0005-ed3.1-2023 12 08
Verifier accreditation N°: VH65	Information and reference documents: www.pep-ecopassport.org	
Date of issue: 9-2025	Validity period:	5 years
Independent verification of the declaration and data, in compliance with ISO 14025 : 2006		
Internal ● External ○		
The PCR review was conducted by a panel of experts chaired by Julie Orgelet (DDemain)		
PEPs are compliant with XP C08-100-1:2016 or EN 50693:2019 The elements of the present PEP cannot be compared with elements from another program.		
Document in compliance with ISO 14025 : 2006 « Environmental labels and declarations. Type III environmental declarations »		

Nota :
The picture has no contractual value.
All numerical values indicated in this document may vary and depend of many factors such as the tolerance related to materials, the usage and environment conditions of the products, installation characteristics ... , real values for a product in a concrete application may therefore change.
The usage time mentioned in this document is an average duration chosen for the need of the calculations. This value cannot be assimilated to the minimum, average or real life time.
The responsibility of the company, issuing this document, can never be engaged if differences would be noticed between the values given by this document and real ones, whatever the causes and/or consequences would be.

Appendix

Manufacturing A1-A3

Manufacturing A1-A3	Acidification (PEF-AP) - [mole H+ eq.]	Climate change - Total (PEF-GWP) - [kg CO2 eq.]	Climate change-Biogenic (PEF-GWPb) - [kg CO2 eq.]	Climate change-Fossil (PEF-GWPf) - [kg CO2 eq.]	Climate change-Land use and land use change (PEF-GWPlu) - [kg CO2 eq.]	Components for re-use - [kg]	Ecotoxicity, freshwater (PEF-CTUe) - [CTUe]	Eutrophication, freshwater (PEF-Epf) - [kg P eq.]	Eutrophication, marine (PEF-Epm) - [kg N eq.]	Eutrophication, terrestrial (PEF-Ept) - [mole of N eq.]	Exported energy - [MJ]	Hazardous waste disposed - [kg]	Human toxicity, cancer (PEF-CTUh-c) - [CTUh]	Human toxicity, non-cancer (PEF-CTUh-nc) - [CTUh]	Ionising radiation, human health (PEF-IR) - [kg Bq U235 eq.]	Land use (PEF-LU)	Materials for energy recovery - [kg]
WNC001	3.43E-03	5.67E-01	-3.47E-02	6.02E-01	2.22E-05	0.00E+00	1.91E+02	7.95E-06	4.72E-04	5.24E-03	0.00E+00	7.09E-01	1.95E-08	2.17E-08	1.66E+00	1.01E-01	1.75E-03
WNA001B	2.58E-03	3.64E-01	-4.96E-02	4.13E-01	2.22E-05	0.00E+00	1.90E+02	5.21E-06	3.41E-04	3.64E-03	0.00E+00	7.04E-01	1.83E-08	2.03E-08	7.53E-01	7.57E-02	1.10E-03
WNA001	2.48E-03	3.65E-01	-2.92E-02	3.94E-01	2.22E-05	0.00E+00	1.90E+02	4.95E-06	3.13E-04	3.39E-03	0.00E+00	7.03E-01	1.49E-08	2.02E-08	2.24E-01	7.56E-02	9.61E-04
WNA002B	3.43E-03	4.52E-01	-4.71E-02	4.99E-01	2.34E-05	0.00E+00	2.25E+02	6.46E-06	4.07E-04	4.43E-03	0.00E+00	1.03E+00	1.99E-08	2.76E-08	7.93E-01	8.78E-02	1.14E-03
WNA002	3.33E-03	4.54E-01	-2.67E-02	4.81E-01	2.34E-05	0.00E+00	2.25E+02	6.20E-06	3.79E-04	4.20E-03	0.00E+00	1.03E+00	1.65E-08	2.75E-08	2.64E-01	8.77E-02	1.00E-03
WNA003B	3.55E-03	5.31E-01	-4.68E-02	5.78E-01	2.30E-05	0.00E+00	2.25E+02	6.90E-06	4.23E-04	4.61E-03	0.00E+00	1.05E+00	1.99E-08	2.84E-08	9.07E-01	8.72E-02	1.14E-03
WNA003	3.42E-03	5.28E-01	-2.65E-02	5.54E-01	2.30E-05	0.00E+00	2.25E+02	6.64E-06	3.91E-04	4.32E-03	0.00E+00	1.05E+00	1.66E-08	2.83E-08	3.77E-01	8.71E-02	1.00E-03
WNA006B	3.53E-03	4.69E-01	-5.18E-02	5.21E-01	2.77E-05	0.00E+00	2.25E+02	6.03E-06	4.24E-04	4.66E-03	0.00E+00	1.03E+00	1.99E-08	2.77E-08	8.01E-01	9.24E-02	1.20E-03
WNA006	3.53E-03	4.70E-01	-5.17E-02	5.21E-01	2.77E-05	0.00E+00	2.25E+02	6.03E-06	4.24E-04	4.66E-03	0.00E+00	1.03E+00	1.99E-08	2.78E-08	8.01E-01	9.24E-02	1.20E-03
WNA007	4.15E-03	5.89E-01	-2.55E-02	6.15E-01	2.30E-05	0.00E+00	2.33E+02	6.78E-06	4.39E-04	4.95E-03	0.00E+00	1.35E+00	1.75E-08	3.28E-08	3.90E-01	8.76E-02	1.03E-03
WNA008B	4.10E-03	5.04E-01	-4.74E-02	5.52E-01	2.22E-05	0.00E+00	2.33E+02	5.98E-06	4.49E-04	4.99E-03	0.00E+00	1.30E+00	1.95E-08	3.18E-08	7.84E-01	7.76E-02	1.16E-03
WNA008	3.93E-03	4.96E-01	-2.72E-02	5.23E-01	2.22E-05	0.00E+00	2.32E+02	5.69E-06	4.13E-04	4.64E-03	0.00E+00	1.30E+00	1.62E-08	3.17E-08	2.52E-01	7.72E-02	1.01E-03
WNA010B	5.28E-03	6.48E-01	-4.70E-02	6.95E-01	2.40E-05	0.00E+00	2.38E+02	5.97E-06	5.66E-04	6.40E-03	0.00E+00	1.51E+00	2.10E-08	3.40E-08	7.85E-01	8.28E-02	1.18E-03
WNA010	5.28E-03	6.48E-01	-4.70E-02	6.95E-01	2.40E-05	0.00E+00	2.38E+02	5.97E-06	5.66E-04	6.39E-03	0.00E+00	1.51E+00	2.10E-08	3.40E-08	7.85E-01	8.28E-02	1.18E-03
WNA020B	2.42E-03	3.43E-01	-4.97E-02	3.92E-01	2.22E-05	0.00E+00	1.91E+02	5.18E-06	3.23E-04	3.44E-03	0.00E+00	6.67E-01	1.92E-08	1.89E-08	7.51E-01	7.56E-02	1.08E-03
WNA020	2.31E-03	3.44E-01	-2.93E-02	3.73E-01	2.22E-05	0.00E+00	1.91E+02	4.92E-06	2.94E-04	3.20E-03	0.00E+00	6.66E-01	1.59E-08	1.88E-08	2.22E-01	7.56E-02	9.42E-04
WNA021B	3.43E-03	4.52E-01	-4.71E-02	4.99E-01	2.34E-05	0.00E+00	2.25E+02	6.46E-06	4.07E-04	4.44E-03	0.00E+00	1.04E+00	2.09E-08	2.76E-08	7.93E-01	8.78E-02	1.15E-03
WNA021	3.42E-03	4.51E-01	-4.71E-02	4.99E-01	2.34E-05	0.00E+00	2.25E+02	6.46E-06	4.06E-04	4.43E-03	0.00E+00	1.04E+00	2.09E-08	2.76E-08	7.92E-01	8.78E-02	1.15E-03
WNA022B	2.62E-03	3.70E-01	-4.95E-02	4.19E-01	2.22E-05	0.00E+00	1.90E+02	5.22E-06	3.46E-04	3.70E-03	0.00E+00	7.11E-01	1.93E-08	2.03E-08	7.55E-01	7.58E-02	1.10E-03
WNA022	2.54E-03	3.73E-01	-2.91E-02	4.02E-01	2.22E-05	0.00E+00	1.90E+02	4.96E-06	3.19E-04	3.48E-03	0.00E+00	7.11E-01	1.59E-08	2.02E-08	2.27E-01	7.57E-02	9.61E-04
WNA023B	4.08E-03	5.36E-01	-4.66E-02	5.82E-01	2.33E-05	0.00E+00	2.31E+02	6.72E-06	4.45E-04	4.89E-03	0.00E+00	1.30E+00	1.99E-08	3.24E-08	8.46E-01	8.79E-02	1.16E-03
WNA023	4.07E-03	5.35E-01	-4.66E-02	5.81E-01	2.33E-05	0.00E+00	2.31E+02	6.72E-06	4.44E-04	4.88E-03	0.00E+00	1.30E+00	1.99E-08	3.24E-08	8.45E-01	8.79E-02	1.16E-03
WNA025B	4.18E-03	5.47E-01	-5.12E-02	5.98E-01	2.76E-05	0.00E+00	2.31E+02	6.27E-06	4.61E-04	5.11E-03	0.00E+00	1.30E+00	2.00E-08	3.25E-08	8.53E-01	9.25E-02	1.21E-03
WNA025	4.18E-03	5.47E-01	-5.12E-02	5.98E-01	2.76E-05	0.00E+00	2.31E+02	6.27E-06	4.61E-04	5.11E-03	0.00E+00	1.30E+00	2.00E-08	3.25E-08	8.53E-01	9.25E-02	1.21E-03
WNA032	2.47E-03	4.67E-01	-9.46E-02	5.62E-01	9.14E-09	0.00E+00	5.00E+02	1.00E-05	4.46E-04	4.84E-03	0.00E+00	3.71E-01	7.28E-08	8.01E-09	1.96E+00	2.67E-02	1.77E-03
WNA033	3.07E-03	4.55E-01	-8.85E-02	5.43E-01	5.71E-05	0.00E+00	1.76E+02	5.59E-06	4.18E-04	4.56E-03	0.00E+00	1.04E+00	8.02E-08	1.73E-08	2.02E+00	1.72E-01	1.76E-03
WNA035	2.10E-03	4.77E-01	-5.37E-02	5.30E-01	1.15E-08	0.00E+00	6.65E+02	1.07E-05	4.10E-04	4.48E-03	0.00E+00	7.94E-02	2.26E-08	7.82E-09	1.43E+00	1.36E-02	1.23E-03
WNA036	2.10E-03	4.76E-01	-5.37E-02	5.30E-01	1.08E-08	0.00E+00	6.65E+02	1.07E-05	4.10E-04	4.48E-03	0.00E+00	7.94E-02	2.26E-08	7.81E-09	1.43E+00	1.36E-02	1.23E-03
WNA037B	2.10E-03	4.79E-01	-5.36E-02	5.32E-01	1.13E-08	0.00E+00	6.65E+02	1.07E-05	4.12E-04	4.50E-03	0.00E+00	7.95E-02	2.26E-08	7.82E-09	1.43E+00	1.42E-02	1.23E-03
WNA037	2.10E-03	4.77E-01	-5.37E-02	5.30E-01	1.15E-08	0.00E+00	6.65E+02	1.07E-05	4.10E-04	4.48E-03	0.00E+00	7.94E-02	2.26E-08	7.82E-09	1.43E+00	1.36E-02	1.23E-03
WNA040B	4.65E-03	5.90E-01	-4.68E-02	6.37E-01	2.52E-05	0.00E+00	2.54E+02	6.50E-06	5.18E-04	5.74E-03	0.00E+00	1.39E+00	1.98E-08	3.49E-08	7.90E-01	8.74E-02	1.22E-03
WNA040	4.54E-03	5.91E-01	-2.64E-02	6.17E-01	2.52E-05	0.00E+00	2.53E+02	6.23E-06	4.89E-04	5.48E-03	0.00E+00	1.39E+00	1.64E-08	3.48E-08	2.61E-01	8.73E-02	1.07E-03
WNA041B	5.68E-03	7.46E-01	-4.19E-02	7.88E-01	2.77E-05	0.00E+00	2.54E+02	7.68E-06	6.28E-04	7.36E-03	0.00E+00	1.45E+00	2.24E-08	3.61E-08	8.72E-01	1.09E-01	1.24E-03
WNA041	5.70E-03	7.48E-01	-4.18E-02	7.90E-01	2.77E-05	0.00E+00	2.54E+02	7.67E-06	6.29E-04	7.38E-03	0.00E+00	1.45E+00	2.24E-08	3.61E-08	8.73E-01	1.09E-01	1.24E-03
WNA044B	4.39E-03	5.56E-01	-4.69E-02	6.03E-01	2.52E-05	0.00E+00	2.53E+02	6.51E-06	4.90E-04	5.39E-03	0.00E+00	1.40E+00	2.18E-08	3.48E-08	7.90E-01	8.72E-02	1.22E-03
WNA044	4.28E-03	5.57E-01	-2.65E-02	5.83E-01	2.52E-05	0.00E+00	2.53E+02	6.24E-06	4.61E-04	5.14E-03	0.00E+00	1.40E+00	1.84E-08	3.47E-08	2.61E-01	8.70E-02	1.08E-03
WNA045B	5.42E-03	7.12E-01	-4.20E-02	7.54E-01	2.77E-05	0.00E+00	2.54E+02	7.69E-06	6.00E-04	7.02E-03	0.00E+00	1.47E+00	2.44E-08	3.60E-08	8.72E-01	1.09E-01	1.25E-03
WNA045	5.43E-03	7.14E-01	-4.19E-02	7.56E-01	2.77E-05	0.00E+00	2.54E+02	7.67E-06	6.01E-04	7.04E-03	0.00E+00	1.47E+00	2.44E-08	3.60E-08	8.73E-01	1.09E-01	1.24E-03
WNC001B	3.39E-03	5.60E-01	-3.56E-02	5.96E-01	2.22E-05	0.00E+00	1.91E+02	8.03E-06	4.68E-04	5.17E-03	0.00E+00	7.08E-01	1.95E-08	2.16E-08	1.66E+00	1.02E-01	1.77E-03
WNC001EC	3.22E-03	5.02E-01	-3.70E-02	5.39E-01	2.22E-05	0.00E+00	1.91E+02	6.00E-06	4.28E-04	4.74E-03	0.00E+00	7.08E-01	1.95E-08	2.15E-08	1.65E+00	8.40E-02	1.78E-03
WNC002EC	4.10E-03	5.86E-01	-4.25E-02	6.29E-01	2.34E-05	0.00E+00	2.26E+02	7.34E-06	5.07E-04	5.65E-03	0.00E+00	1.04E+00	2.03E-08	2.88E-08	8.14E-01	9.56E-02	1.89E-03
WNC002	4.30E-03	6.50E-01	-4.02E-02	6.91E-01	2.34E-05	0.00E+00	2.26E+02	9.35E-06	5.50E-04	6.12E-03	0.00E+00	1.04E+00	2.03E-08	2.90E-08	8.29E-01	1.13E-01	1.86E-03
WNC003	5.07E-03	7.15E-01	-4.22E-02	7.57E-01	2.38E-05	0.00E+00	2.30E+02	2.71E-05	5.84E-04	6.48E-03	1.36E-03	1.13E+00	1.16E-07	3.24E-08	5.86E+00	1.54E-01	1.84E-03
WNC020B	3.36E-03	5.50E-01	-4.34E-02	5.94E-01	2.22E-05	0.00E+00	1.92E+02	8.16E-06	4.73E-04	5.25E-03	0.00E+00	6.71E-01	1.97E-08	2.02E-08	7.92E-01	1.02E-01	1.82E-03
WNC020EC	3.15E-03	4.88E-01	-4.49E-02	5.33E-01	2.22E-05	0.00E+00	1.92E+02	6.14E-06	4.30E-04	4.77E-03	0.00E+00	6.72E-01	1.97E-08	2.02E-08	7.76E-01	8.42E-02	1.83E-03
WNC020	3.25E-03	5.48E-01	-3.62E-02	5.84E-01	2.30E-05	0.00E+00	1.95E+02	1.80E-05	4.64E-04	5.16E-03	1.27E-03	7.30E-01	5.32E-08	2.22E-08	4.88E+00	1.28E-01	1.72E-03
WNC021B	4.33E-03	6.54E-01	-4.09E-02	6.95E-01	2.34E-05	0.00E+00	2.26E+02	9.44E-06	5.53E-04	6.18E-03	0.00E+00	1.04E+00	2.14E-08	2.89E-08	8.31E-01	1.14E-01	1.88E-03
WNC021	4.03E-03	5.83E-01	-3.46E-02	6.18E-01	2.34E-05	0.00E+00	2.25E+02	7.20E-06	4.89E-04	5.47E-03	0.00E+00	1.04E+00	2.21E-08	2.87E-08	1.68E+00	9.56E-02	1.81E-03
WNC022	3.57E-03	5.78E-01	-4.24E-02	6.21E-01	2.22E-05	0.00E+00	1.92E+02	8.11E-06	4.96E-04	5.51E-03	0.00E+00	7.16E-01	1.97E-08	2.17E-08	7.95E-01	1.01E-01	1.82E-03
WNC023	4.95E-03	7.42E-01	-3.15E-02	7.74E-01	2.33E-05	0.00E+00	2.32E+02	9.45E-06	5.78E-04	6.53E-03	0.00E+00	1.30E+00	2.11E-08	3.38E-08	1.75E+00	1.13E-01	1.81E-03
WNC025	5.27E-03	7.72E-01	-4.93E-02	8.21E-01	2.76E-05	0.00E+00	2.32E+02	9.14E-06	6.24E-04	7.13E-03	0.00E+00	1.31E+00	2.12E-08	3.41E-08	1.77E+00	1.18E-01	1.97E-03
WNC032	3.43E-03	6.78E-01	-8.74E-02	7.66E-01	1.29E-08	0.00E+00	5.01E+02	1.29E-05	5.99E-04	6.67E-03	0.00E+00	3.77E-01	7.32E-08	9.45E-09	2.01E+00	5.24E-02	2.49E-03
WNC033	4.02E-03	6.66E-01	-8.13E-02	7.47E-01	5.71E-05	0.00E+00	1.78E+02	8.48E-06	5.70E-04	6.40E-03	0.00E+00	1.05E+00	8.06E-08	1.87E-08	2.06E+00	1.98E-01	2.48E-03
WNC035	3.06E-03	6.88E-01	-4.65E-02	7.34E-01	1.51E-08	0.00E+00	6.66E+02	1.36E-05	5.62E-04	6.32E-03	0.00E+00	8.46E-02	2.30E-08	9.25E-09	1.47E+00	3.93E-02	1.95E-03
WNC036	3.06E-03	6.87E-01	-4.65E-02	7.34E-01	1.44E-08	0.00E+00	6.66E+02	1.36E-05	5.62E-04	6.32E-03	0.00E+00	8.46E-02	2.30E-08	9.25E-09	1.47E+00	3.93E-02	1.95E-03
WNC040EC	5.34E-03	7.27E-01	-4.21E-02	7.69E-01	2.52E-05	0.00E+00	2.54E+02	7.33E-06	6.19E-04	6.98E-03	0.00E+00	1.39E+00	2.02E-08	3.62E-08	8.12E-01	9.49E-02	1.96E-03
WNC040	5.60E-03	7.99E-01	-3.96E-02	8.39E-01	2.52E-05	0.00E+00	2.55E+02	9.39E-06	6.68E-04	7.55E-03	0.00E+00	1.39E+00	2.02E-08	3.63E-08	8.30E-01	1.13E-01	1.93E-03
WNC041	6.64E-03	9.56E-01	-3.47E-02	9.91E-01	2.77E-05	0.00E+00	2.55E+02	1.06E-05	7.79E-04	9.19E-03	0.00E+00	1.46E+00	2.28E-08	3.75E-08	9.12E-01	1.35E-01	1.96E-03
WNC042B	5.11E-03	7.47E-01	-4.10E-02	7.88E-01	2.52E-05	0.00E+00	2.38E+02	9.14E-06	6.24E-04	7.08E-03	0.00E+00	1.19E+00	2.00E-08	3.09E-08	8.21E-01	1.14E-01	1.91E-03
WNC042	4.81E-03	6.76E-01	-3.46E-02	7.11E-01	2.52E-05	0.00E+00	2.37E+02	6.85E-06	5.60E-04	6.39E-03	0.00E+00	1.19E+00	2.07E-08	3.07E-08	1.67E+00	9.50E-02	1.85E-03
WNC044	5.13E-03	6.99E-01	-4.20E-02	7.41E-01	2.52E-05	0.00E+00	2.54E+02	7.36E-06	5.96E-04	6.72E-03	0.00E+00	1.41E+00	2.22E-08	3.60E-08	8.15E-01	9.49E-02	1.96E-03
WNE001B	3.50E-03	5.27E-01	-3.06E-02	5.57E-01	2.22E-05	0.00E+00	1.92E+02	5.89E-06	4.53E-04	5.06E-03	0.00E+00	7.10E-01	7.92E-09	2.19E-08	7.62E-01	8.23E-02	1.45E-03
WNE001G	3.82E-03	6.14E-01	-1.73E-02	6.31E-01	2.22E-05	0.00E+00	1.92E+02	5.83E-06	4.90E-04	5.53E-03	0.00E+00	8.57E-01	2.55E-08	2.32E-08	2.66E-01	8.26E-02	1.51E-03
WNE001	3.53E-03	5.44E-01	-1.76E-02	5.62E-01	2.22E-05	0.00E+00	1.92E+02	5.75E-06	4.50E-04	5.06E-03	0.00E+00	7.11E-01	6.62E-09	2.20E-08	2.60E-01	8.24E-02	1.41E-03
WNE023B	5.01E-03	6.99E-01	-2.75E-02	7.27E-01	2.33E-05	0.00E+00	2.33E+02	7.40E-06	5.57E-04	6.32E-03	0.00E+00	1.30E+00	9.60E-09	3.41E-08	8.68E-01	9.46E-02	1.51E-03
WNE023G	5.27E-03	7.80E-01	-1.44E-02	7.95E-01	2.33E-05	0.00E+00	2.33E+02	7.33E-06	5.89E-04	6.71E-03	0.00E+00	1.45E+00	2.71E-08	3.53E-08	3.57E-01	9.47E-02	1.56E-03

Manufacturing A1-A3	Materials for recycling - [kg]	Net use of fresh water - [m3]	Non hazardous waste disposed - [kg]	Non renewable primary energy used as energy - [MJ]	Non renewable primary energy used as raw material - [MJ]	Ozone depletion (PEF-ODP) - [kg CFC-11 eq.]	EF-particulate Matter (PEF-PM) - [Incidence of diseases]	Photochemical ozone formation - human health (PEF-POCP) - [kg of NMVOC eq.]	Radioactive waste disposed - [kg]	Renewable primary energy used as energy - [MJ]	Renewable primary energy used as raw material - [MJ]	Resource use, fossils (PEF-ADPf) - [MJ]	Resource use, minerals and metals (PEF-ADPe) - [kg Sb eq]	Total non renewable primary energy - [MJ]	Total primary energy - [MJ]	Total renewable primary energy - [MJ]	Use of non renewable secondary fuels - [MJ]	Use of renewable secondary fuels - [MJ]	Use of secondary material - [kg]	Water use (PEF-WU) - [m3 eq.]
WNC001	8.42E-03	6.06E-03	2.94E-01	9.64E+00	5.04E+00	1.85E-08	2.39E-08	1.66E-03	5.51E-05	8.62E-01	2.75E-01	1.47E+01	5.82E-04	1.47E+01	1.58E+01	1.14E+00	0.00E+00	0.00E+00	2.34E-02	2.59E-01
WNA001B	5.90E-03	3.86E-03	2.58E-01	6.25E+00	2.14E+00	1.51E-08	1.74E-08	1.11E-03	5.34E-05	5.44E-01	4.23E-01	8.39E+00	5.82E-04	8.39E+00	9.36E+00	9.66E-01	0.00E+00	0.00E+00	1.93E-02	1.65E-01
WNA001	5.58E-03	3.72E-03	2.36E-01	6.04E+00	2.22E+00	1.42E-08	1.68E-08	1.05E-03	4.76E-05	5.61E-01	2.04E-01	8.26E+00	5.82E-04	8.26E+00	9.02E+00	7.64E-01	0.00E+00	0.00E+00	1.72E-02	1.59E-01
WNA002B	7.12E-03	5.46E-03	2.76E-01	7.57E+00	2.33E+00	1.95E-08	2.27E-08	1.34E-03	5.70E-05	7.28E-01	4.26E-01	9.90E+00	5.88E-04	9.90E+00	1.11E+01	1.15E+00	0.00E+00	0.00E+00	1.93E-02	2.34E-01
WNA002	6.79E-03	5.33E-03	2.54E-01	7.39E+00	2.40E+00	1.87E-08	2.22E-08	1.28E-03	5.12E-05	7.51E-01	2.07E-01	9.79E+00	5.88E-04	9.79E+00	1.07E+01	9.58E-01	0.00E+00	0.00E+00	1.72E-02	2.28E-01
WNA003B	7.14E-03	6.39E-03	2.94E-01	8.65E+00	2.32E+00	4.05E-08	2.44E-08	1.39E-03	6.95E-05	8.30E-01	4.26E-01	1.10E+01	5.90E-04	1.10E+01	1.22E+01	1.26E+00	0.00E+00	0.00E+00	1.93E-02	2.74E-01
WNA003	6.82E-03	6.24E-03	2.72E-01	8.37E+00	2.39E+00	3.97E-08	2.36E-08	1.32E-03	6.36E-05	8.24E-01	2.07E-01	1.08E+01	5.90E-04	1.08E+01	1.18E+01	1.03E+00	0.00E+00	0.00E+00	1.72E-02	2.68E-01
WNA006B	7.24E-03	4.95E-03	2.87E-01	7.96E+00	2.36E+00	2.00E-08	2.33E-08	1.40E-03	6.24E-05	8.12E-01	4.76E-01	1.03E+01	5.88E-04	1.03E+01	1.16E+01	1.29E+00	0.00E+00	0.00E+00	1.93E-02	2.12E-01
WNA006	7.24E-03	4.95E-03	2.87E-01	7.97E+00	2.36E+00	2.00E-08	2.33E-08	1.40E-03	6.24E-05	8.12E-01	4.76E-01	1.03E+01	5.88E-04	1.03E+01	1.16E+01	1.29E+00	0.00E+00	0.00E+00	1.93E-02	2.12E-01
WNA007	7.29E-03	6.68E-03	2.80E-01	9.34E+00	2.38E+00	4.19E-08	2.78E-08	1.50E-03	6.54E-05	9.94E-01	2.08E-01	1.17E+01	6.15E-04	1.17E+01	1.29E+01	1.20E+00	0.00E+00	0.00E+00	1.72E-02	2.87E-01
WNA008B	7.56E-03	5.05E-03	2.80E-01	8.28E+00	2.28E+00	1.17E-07	2.63E-08	1.50E-03	5.66E-05	8.68E-01	4.27E-01	1.06E+01	6.11E-04	1.06E+01	1.19E+01	1.29E+00	0.00E+00	0.00E+00	1.93E-02	2.16E-01
WNA008	7.23E-03	4.88E-03	2.57E-01	7.91E+00	2.33E+00	1.16E-07	2.53E-08	1.41E-03	5.06E-05	8.37E-01	2.07E-01	1.02E+01	6.11E-04	1.02E+01	1.13E+01	1.04E+00	0.00E+00	0.00E+00	1.72E-02	2.09E-01
WNA010B	8.31E-03	5.51E-03	3.27E-01	1.05E+01	2.26E+00	1.22E-07	3.33E-08	1.90E-03	6.07E-05	1.08E+00	4.28E-01	1.28E+01	6.87E-04	1.28E+01	1.43E+01	1.50E+00	0.00E+00	0.00E+00	1.93E-02	2.36E-01
WNA010	8.31E-03	5.51E-03	3.27E-01	1.05E+01	2.26E+00	1.22E-07	3.33E-08	1.90E-03	6.07E-05	1.08E+00	4.28E-01	1.28E+01	6.87E-04	1.28E+01	1.43E+01	1.50E+00	0.00E+00	0.00E+00	1.93E-02	2.36E-01
WNA020B	4.94E-03	3.60E-03	2.40E-01	6.02E+00	2.14E+00	1.51E-08	1.64E-08	1.05E-03	5.35E-05	5.13E-01	4.21E-01	8.16E+00	5.81E-04	8.16E+00	9.09E+00	9.34E-01	0.00E+00	0.00E+00	1.93E-02	1.54E-01
WNA020	4.62E-03	3.47E-03	2.18E-01	5.81E+00	2.21E+00	1.42E-08	1.57E-08	9.89E-04	4.76E-05	5.30E-01	2.02E-01	8.03E+00	5.81E-04	8.03E+00	8.76E+00	7.32E-01	0.00E+00	0.00E+00	1.72E-02	1.48E-01
WNA021B	7.12E-03	5.46E-03	2.76E-01	7.58E+00	2.33E+00	1.97E-08	2.29E-08	1.34E-03	5.71E-05	7.28E-01	4.26E-01	9.91E+00	5.88E-04	9.91E+00	1.11E+01	1.15E+00	0.00E+00	0.00E+00	1.93E-02	2.34E-01
WNA021	7.12E-03	5.46E-03	2.76E-01	7.57E+00	2.33E+00	1.97E-08	2.29E-08	1.34E-03	5.71E-05	7.22E-01	4.26E-01	9.89E+00	5.88E-04	9.89E+00	1.10E+01	1.15E+00	0.00E+00	0.00E+00	1.93E-02	2.34E-01
WNA022B	5.90E-03	3.88E-03	2.59E-01	6.35E+00	2.14E+00	1.53E-08	1.78E-08	1.12E-03	5.36E-05	5.73E-01	4.23E-01	8.49E+00	5.82E-04	8.49E+00	9.49E+00	9.96E-01	0.00E+00	0.00E+00	1.93E-02	1.66E-01
WNA022	5.58E-03	3.74E-03	2.37E-01	6.18E+00	2.22E+00	1.45E-08	1.72E-08	1.07E-03	4.79E-05	6.00E-01	2.04E-01	8.39E+00	5.82E-04	8.39E+00	9.20E+00	8.04E-01	0.00E+00	0.00E+00	1.72E-02	1.60E-01
WNA023B	7.40E-03	6.22E-03	2.82E-01	8.70E+00	2.33E+00	1.28E-07	2.68E-08	1.49E-03	6.42E-05	8.15E-01	4.27E-01	1.10E+01	5.91E-04	1.10E+01	1.23E+01	1.24E+00	0.00E+00	0.00E+00	1.93E-02	2.67E-01
WNA023	7.40E-03	6.22E-03	2.82E-01	8.69E+00	2.33E+00	1.28E-07	2.67E-08	1.49E-03	6.42E-05	8.09E-01	4.27E-01	1.10E+01	5.91E-04	1.10E+01	1.22E+01	1.24E+00	0.00E+00	0.00E+00	1.93E-02	2.67E-01
WNA025B	7.52E-03	5.69E-03	2.93E-01	9.08E+00	2.36E+00	3.59E-08	2.73E-08	1.54E-03	6.95E-05	8.96E-01	4.77E-01	1.14E+01	5.90E-04	1.14E+01	1.28E+01	1.37E+00	0.00E+00	0.00E+00	1.93E-02	2.44E-01
WNA025	7.52E-03	5.69E-03	2.93E-01	9.08E+00	2.36E+00	3.59E-08	2.73E-08	1.54E-03	6.95E-05	8.97E-01	4.77E-01	1.14E+01	5.90E-04	1.14E+01	1.28E+01	1.37E+00	0.00E+00	0.00E+00	1.93E-02	2.44E-01
WNA032	9.69E-03	4.40E-03	3.12E-01	1.33E+01	3.00E+00	2.11E-08	2.28E-08	1.43E-03	5.10E-05	6.71E-01	6.33E-01	1.63E+01	6.71E-06	1.63E+01	1.76E+01	1.30E+00	0.00E+00	0.00E+00	3.85E-02	1.87E-01
WNA033	4.82E-03	4.59E-03	4.40E-01	9.03E+00	2.63E+00	3.12E-08	2.76E-08	1.37E-03	1.15E-04	9.82E-01	6.33E-01	1.17E+01	1.70E-05	1.17E+01	1.33E+01	1.61E+00	0.00E+00	0.00E+00	3.85E-02	1.96E-01
WNA035	9.36E-03	3.35E-03	1.83E-01	1.52E+01	1.86E+00	1.35E-08	1.43E-08	1.27E-03	2.95E-05	6.17E-01	4.32E-01	1.71E+01	2.24E-06	1.71E+01	1.81E+01	1.05E+00	0.00E+00	0.00E+00	1.93E-02	1.44E-01
WNA036	9.36E-03	3.35E-03	1.83E-01	1.52E+01	1.86E+00	1.35E-08	1.43E-08	1.27E-03	2.94E-05	6.17E-01	4.32E-01	1.71E+01	2.24E-06	1.71E+01	1.81E+01	1.05E+00	0.00E+00	0.00E+00	1.93E-02	1.44E-01
WNA037B	9.38E-03	3.39E-03	1.83E-01	1.52E+01	1.91E+00	1.35E-08	1.44E-08	1.28E-03	2.95E-05	6.18E-01	4.32E-01	1.72E+01	2.24E-06	1.72E+01	1.82E+01	1.05E+00	0.00E+00	0.00E+00	1.93E-02	1.45E-01
WNA037	9.36E-03	3.35E-03	1.83E-01	1.52E+01	1.86E+00	1.35E-08	1.43E-08	1.27E-03	2.95E-05	6.17E-01	4.32E-01	1.71E+01	2.24E-06	1.71E+01	1.81E+01	1.05E+00	0.00E+00	0.00E+00	1.93E-02	1.44E-01
WNA040B	9.54E-03	5.73E-03	3.27E-01	9.40E+00	2.52E+00	1.18E-07	3.00E-08	1.72E-03	6.03E-05	9.38E-01	4.31E-01	1.19E+01	6.43E-04	1.19E+01	1.33E+01	1.37E+00	0.00E+00	0.00E+00	1.93E-02	2.45E-01
WNA040	9.21E-03	5.59E-03	3.05E-01	9.17E+00	2.59E+00	1.17E-07	2.94E-08	1.66E-03	5.45E-05	9.52E-01	2.12E-01	1.18E+01	6.43E-04	1.18E+01	1.29E+01	1.16E+00	0.00E+00	0.00E+00	1.72E-02	2.39E-01
WNA041B	9.60E-03	7.48E-03	3.55E-01	1.21E+01	2.65E+00	1.22E-07	3.67E-08	2.09E-03	6.70E-05	1.64E+00	4.33E-01	1.47E+01	6.46E-04	1.47E+01	1.68E+01	2.07E+00	0.00E+00	0.00E+00	1.93E-02	3.20E-01
WNA041	9.60E-03	7.48E-03	3.56E-01	1.21E+01	2.63E+00	1.22E-07	3.68E-08	2.09E-03	6.71E-05	1.65E+00	4.33E-01	1.48E+01	6.46E-04	1.48E+01	1.68E+01	2.08E+00	0.00E+00	0.00E+00	1.93E-02	3.20E-01
WNA044B	9.55E-03	5.71E-03	3.21E-01	8.87E+00	2.52E+00	1.18E-07	2.89E-08	1.63E-03	6.03E-05	8.82E-01	4.31E-01	1.14E+01	6.43E-04	1.14E+01	1.27E+01	1.31E+00	0.00E+00	0.00E+00	1.93E-02	2.44E-01
WNA044	9.22E-03	5.57E-03	2.99E-01	8.65E+00	2.59E+00	1.17E-07	2.82E-08	1.57E-03	5.45E-05	8.96E-01	2.12E-01	1.12E+01	6.43E-04	1.12E+01	1.23E+01	1.11E+00	0.00E+00	0.00E+00	1.72E-02	2.38E-01
WNA045B	9.61E-03	7.46E-03	3.49E-01	1.16E+01	2.65E+00	1.22E-07	3.55E-08	1.99E-03	6.70E-05	1.58E+00	4.33E-01	1.42E+01	6.46E-04	1.42E+01	1.62E+01	2.01E+00	0.00E+00	0.00E+00	1.93E-02	3.19E-01
WNA045	9.61E-03	7.45E-03	3.50E-01	1.16E+01	2.63E+00	1.22E-07	3.56E-08	2.00E-03	6.70E-05	1.59E+00	4.33E-01	1.42E+01	6.46E-04	1.42E+01	1.63E+01	2.03E+00	0.00E+00	0.00E+00	1.93E-02	3.19E-01
WNC001B	8.46E-03	6.08E-03	2.93E-01	9.54E+00	5.06E+00	1.85E-08	2.37E-08	1.64E-03	5.49E-05	8.39E-01	2.76E-01	1.46E+01	5.82E-04	1.46E+01	1.57E+01	1.12E+00	0.00E+00	0.00E+00	2.34E-02	2.60E-01
WNC001EC	8.47E-03	4.89E-03	2.93E-01	8.43E+00	3.44E+00	1.70E-08	2.15E-08	1.45E-03	5.51E-05	8.18E-01	2.77E-01	1.19E+01	5.82E-04	1.19E+01	1.30E+01	1.09E+00	0.00E+00	0.00E+00	6.28E-02	2.09E-01
WNC002EC	9.84E-03	6.44E-03	2.95E-01	9.81E+00	3.56E+00	2.11E-08	2.70E-08	1.71E-03	5.90E-05	9.49E-01	4.80E-01	1.34E+01	5.88E-04	1.34E+01	1.48E+01	1.43E+00	0.00E+00	0.00E+00	5.85E-02	2.76E-01
WNC002	9.79E-03	7.64E-03	2.95E-01	1.10E+01	5.21E+00	2.27E-08	2.94E-08	1.92E-03	5.90E-05	9.73E-01	4.78E-01	1.62E+01	5.88E-04	1.62E+01	1.77E+01	1.45E+00	0.00E+00	0.00E+00	1.93E-02	3.27E-01
WNC003	6.71E-03	8.46E-03	2.71E-01	1.23E+01	5.22E+00	4.53E-08	3.10E-08	2.03E-03	3.46E-04	9.13E-01	7.67E-01	1.75E+01	5.88E-04	1.75E+01	1.92E+01	1.68E+00	0.00E+00	0.00E+00	1.93E-07	3.63E-01
WNC020B	7.65E-03	5.84E-03	2.61E-01	9.61E+00	5.05E+00	1.83E-08	2.35E-08	1.65E-03	5.56E-05	8.19E-01	4.75E-01	1.47E+01	5.81E-04	1.47E+01	1.59E+01	1.29E+00	0.00E+00	0.00E+00	1.93E-02	2.50E-01
WNC020EC	7.67E-03	4.64E-03	2.60E-01	8.43E+00	3.43E+00	1.68E-08	2.10E-08	1.44E-03	5.56E-05	7.76E-01	4.76E-01	1.19E+01	5.81E-04	1.19E+01	1.31E+01	1.25E+00	0.00E+00	0.00E+00	5.86E-02	1.99E-01
WNC020	5.14E-03	5.84E-03	1.83E-01	9.62E+00	5.03E+00	1.69E-08	2.31E-08	1.64E-03	4.87E-05	7.00E-01	6.61E-01	1.47E+01	5.80E-04	1.47E+01	1.60E+01	1.36E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-01
WNC021B	9.83E-03	7.69E-03	2.96E-01	1.11E+01	5.24E+00	2.30E-08	2.98E-08	1.93E-03	5.92E-05	1.00E+00	4.80E-01	1.63E+01	5.88E-04	1.63E+01	1.78E+01	1.48E+00	0.00E+00	0.00E+00	1.93E-02	3.29E-01
WNC021	9.68E-03	6.44E-03	3.11E-01	9.63E+00	3.55E+00	2.15E-08	2.67E-08	1.67E-03	5.86E-05	9.86E-01	2.80E-01	1.32E+01	5.88E-04	1.32E+01	1.44E+01	1.27E+00	0.00E+00	0.00E+00	6.29E-02	2.76E-01
WNC022	8.58E-03	6.08E-03	2.80E-01	9.95E+00	5.03E+00	1.86E-08	2.48E-08	1.72E-03	5.59E-05	8.72E-01	4.75E-01	1.50E+01	5.82E-04	1.50E+01	1.63E+01	1.35E+00	0.00E+00	0.00E+00	1.93E-02	2.60E-01
WNC023	9.91E-03	8.43E-03	3.19E-01	1.22E+01	5.22E+00	1.32E-07	3.34E-08	2.05E-03	6.59E-05	1.15E+00	2.79E-01	1.74E+01	5.91E-04	1.74E+01	1.88E+01	1.43E+00	0.00E+00	0.00E+00	2.34E-02	3.61E-01
WNC025	1.03E-02	8.32E-03	3.34E-01	1.32E+01	5.29E+00	4.21E-08	3.51E-08	2.21E-03	7.31E-05	1.31E+00	4.78E-01	1.85E+01	5.91E-04	1.85E+01	2.02E+01	1.79E+00	0.00E+00	0.00E+00	2.34E-02	3.57E-01
WNC032	1.24E-02	6.61E-03	3.33E-01	1.69E+01	5.89E+00	2.44E-08	3.00E-08	2.03E-03	5.32E-05	9.83E-01	6.86E-01	2.28E+01	6.77E-06	2.28E+01	2.45E+01	1.67E+00	0.00E+00	0.00E+00	3.85E-02	2.82E-01
WNC033	7.50E-03	6.80E-03	4.62E-01	1.27E+01	5.51E+00	3.45E-08	3.47E-08	1.97E-03	1.17E-04	1.29E+00	6.86E-01	1.82E+01	1.70E-05	1.82E+01	2.02E+01	1.98E+00	0.00E+00	0.00E+00	3.85E-02	2.91E-01
WNC035	1.20E-02	5.56E-03	2.05E-01	1.88E+01	4.75E+00	1.68E-08	2.15E-08	1.87E-03	3.17E-05	9.29E-01	4.85E-01	2.36E+01	2.30E-06	2.36E+01	2.50E+01	1.41E+00	0.00E+00	0.00E+00	1.93E-02	2.38E-01
WNC036	1.20E-02	5.56E-03	2.05E-01	1.88E+01	4.75E+00	1.67E-08	2.15E-08	1.87E-03	3.17E-05	9.29E-01	4.85E-01	2.36E+01	2.30E-06	2.36E+01	2.50E+01	1.41E+00	0.00E+00	0.00E+00	1.93E-02	2.38E-01
WNC040EC	1.23E-02	6.69E-03	3.46E-01	1.17E+01	3.71E+00	1.19E-07	3.43E-08	2.09E-03	6.24E-05	1.18E+00	4.86E-01	1.54E+01	6.43E-04	1.54E+01	1.70E+01	1.66E+00	0.00E+00	0.00E+00	6.08E-02	2.86E-01
WNC040	1.22E-02	7.93E-03	3.48E-01	1.30E+01	5.40E+00	1.21E-07	3.71E-08	2.32E-03	6.25E-05	1.24E+00	4.84E-01	1.84E+01	6.43E-04	1.84E+01	2.01E+01	1.72E+00	0.00E+00	0.00E+00	1.93E-02	3.39E-01
WNC041	1.23E-02	9.68E-03	3.77E-01	1.57E+01	5.52E+00	1.25E-07	4.38E-08	2.69E-03	6.93E-05	1.95E+00	4.86E-01	2.12E+01	6.46E-04	2.12E+01	2.37E+01	2.43E+00	0.00E+00	0.00E+00	1.93E-02	4.14E-01
WNC042B	9.67E-03	7.20E-03	3.11E-01	1.25E+01	5.39E+00	1.21E-07	3.39E-08	2.18E-03	6.21E-05	1.19E+00	4.82E-01	1.79E+01	6.42E-04	1.79E+01	1.96E+01	1.67E+00	0.00E+00	0.00E+00	1.93E-02	3.08E-01
WNC042	9.52E-03	5.93E-03	3.26E-01	1.11E+01	3.66E+00	1.19E-07	3.09E-08	1.92E-03	6.16E-05	1.18E+00	2.82E-01	1.47E+01	6.42E-04	1.47E+01	1.62E+01	1.46E+00	0.00E+00	0.00E+00	6.52E-02	2.54E-01
WNC044	1.23E-02	6.68E-03	3.42E-01	1.12E+01	3.69E+00	1.20E-07	3.35E-08	2.02E-03	6.25E-05	1.17E+00	4.85E-01	1.49E+01	6.43E-04	1.49E+01	1.66E+01	1.65E+00	0.00E+00	0.00E+00	6.11E-02	2.86E-01
WNE001B	6.71E-03	4.42E-03	1.66E-01	9.57E+00	3.65E+00	2.67E-08	2.28E-08	2.02E-03	4.71E-05	6.92E-01	6.24E-01	1.32E+01	5.82E-04	1.32E+01	1.45E+01	1.32E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-01
WNE001G	1.29E-02	5.09E-03	1.98E-01	1.24E+01	3.86E+00	3.08E-08	2.77E-08	2.17E-03	4.95E-05	8.19E-01	4.92E-01	1.63E+01	5.86E-04	1.63E+01	1.76E+01	1.31E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-01
WNE001	6.60E-03	4.42E-03	1.61E-01	9.76E+00	3.86E+00	2.64E-08	2.28E-08	2.02E-03	4.46E-05	7.21E-01	4.85E-01	1.36E+01	5.82E-04	1.36E+01	1.48E+01	1.21E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-01
WNE023B	8.21E-03	6.78E-03	1.90E-01	1.20E+01	3.83E+00	1.40E-07	3.22E-08	2.40E-03	5.79E-05	9.68E-01	6.28E-01	1.59E+01	5.91E-04	1.59E+01	1.75E+01	1.60E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-01
WNE023G	1.44E-02	7.43E-03	2.21E-01	1.48E+01	4.04E+00	1.44E-07	3.68E-08	2.54E-03	6.01E-05	1.06E+00	4.97E-01	1.88E+01	5.95E-04	1.88E+01	2.04E+01	1.56E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-01

	WNE023	4.99E-03	7.10E-01	-1.47E-02	7.25E-01	2.33E-05	0.00E+00	2.32E+02	7.25E-06	5.48E-04	6.25E-03	0.00E+00	1.30E+00	8.29E-09	3.41E-08	3.50E-01	9.45E-02	1.46E-03	8.10E-03	6.77E-03	1.84E-01	1.21E+01	4.04E+00	1.40E-07	3.20E-08	2.39E-03	5.52E-05	9.62E-01	4.89E-01	1.62E+01	5.91E-04	1.62E+01	1.76E+01	1.45E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-01
	WNE025B	5.10E-03	7.10E-01	-3.22E-02	7.42E-01	2.76E-05	0.00E+00	2.33E+02	6.95E-06	5.73E-04	6.54E-03	0.00E+00	1.31E+00	9.62E-09	3.42E-08	8.75E-01	9.91E-02	1.56E-03	8.33E-03	6.25E-03	2.01E-01	1.24E+01	3.86E+00	4.75E-08	3.26E-08	2.46E-03	6.32E-05	1.05E+00	6.79E-01	1.63E+01	5.90E-04	1.63E+01	1.80E+01	1.73E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-01
	WNE025G	5.38E-03	7.92E-01	-1.90E-02	8.11E-01	2.76E-05	0.00E+00	2.33E+02	6.89E-06	6.05E-04	6.95E-03	0.00E+00	1.45E+00	2.71E-08	3.55E-08	3.64E-01	9.94E-02	1.62E-03	1.45E-02	6.91E-03	2.33E-01	1.52E+01	4.08E+00	5.16E-08	3.74E-08	2.59E-03	6.55E-05	1.15E+00	5.47E-01	1.92E+01	5.95E-04	1.92E+01	2.09E+01	1.69E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-01
	WNE025	5.12E-03	7.27E-01	-1.92E-02	7.46E-01	2.76E-05	0.00E+00	2.33E+02	6.81E-06	5.69E-04	6.54E-03	0.00E+00	1.31E+00	8.32E-09	3.43E-08	3.59E-01	9.92E-02	1.52E-03	8.22E-03	6.26E-03	1.96E-01	1.26E+01	4.08E+00	4.72E-08	3.27E-08	2.46E-03	6.06E-05	1.07E+00	5.40E-01	1.67E+01	5.90E-04	1.67E+01	1.83E+01	1.61E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-01
	WNE040B	5.57E-03	7.53E-01	-2.77E-02	7.80E-01	2.52E-05	0.00E+00	2.55E+02	7.18E-06	6.29E-04	7.15E-03	0.00E+00	1.39E+00	9.43E-09	3.66E-08	8.12E-01	9.41E-02	1.57E-03	1.03E-02	6.29E-03	2.35E-01	1.27E+01	4.02E+00	1.29E-07	3.53E-08	2.63E-03	5.40E-05	1.08E+00	6.32E-01	1.67E+01	6.43E-04	1.67E+01	1.84E+01	1.72E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-01
	WNE040G	5.84E-03	8.34E-01	-1.46E-02	8.49E-01	2.52E-05	0.00E+00	2.55E+02	7.10E-06	6.61E-04	7.55E-03	0.00E+00	1.54E+00	2.70E-08	3.79E-08	3.01E-01	9.42E-02	1.62E-03	1.65E-02	6.94E-03	2.66E-01	1.54E+01	4.23E+00	1.34E-07	4.00E-08	2.77E-03	5.63E-05	1.18E+00	5.01E-01	1.97E+01	6.47E-04	1.97E+01	2.13E+01	1.68E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-01
	WNE040	5.55E-03	7.64E-01	-1.49E-02	7.79E-01	2.52E-05	0.00E+00	2.55E+02	7.02E-06	6.21E-04	7.09E-03	0.00E+00	1.39E+00	8.12E-09	3.66E-08	2.94E-01	9.39E-02	1.52E-03	1.02E-02	6.28E-03	2.29E-01	1.28E+01	4.23E+00	1.29E-07	3.52E-08	2.62E-03	5.13E-05	1.08E+00	4.93E-01	1.70E+01	6.43E-04	1.70E+01	1.86E+01	1.57E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-01
	WNC025B	5.27E-03	7.64E-01	-5.83E-02	8.22E-01	2.76E-05	0.00E+00	2.33E+02	9.38E-06	6.35E-04	7.20E-03	0.00E+00	1.31E+00	2.05E-08	3.40E-08	8.97E-01	1.19E-01	2.05E-03	1.05E-02	8.33E-03	3.17E-01	1.31E+01	5.30E+00	4.18E-08	3.52E-08	2.22E-03	7.33E-05	1.23E+00	6.79E-01	1.85E+01	5.91E-04	1.85E+01	2.04E+01	1.91E+00	0.00E+00	0.00E+00	1.93E-02	3.57E-01
	WNE001BG	3.73E-03	6.00E-01	-1.83E-02	6.18E-01	2.22E-05	0.00E+00	1.91E+02	5.82E-06	4.75E-04	5.36E-03	0.00E+00	8.56E-01	2.54E-08	2.31E-08	2.66E-01	8.26E-02	1.50E-03	1.29E-02	4.93E-03	1.97E-01	1.22E+01	3.79E+00	3.02E-08	2.73E-08	2.12E-03	4.92E-05	8.17E-01	4.92E-01	1.59E+01	5.86E-04	1.59E+01	1.72E+01	1.31E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-01
	WNE023BG	5.21E-03	7.58E-01	-2.73E-02	7.85E-01	2.33E-05	0.00E+00	2.32E+02	7.47E-06	5.84E-04	6.63E-03	0.00E+00	1.45E+00	2.84E-08	3.52E-08	8.73E-01	9.48E-02	1.61E-03	1.45E-02	7.34E-03	2.26E-01	1.45E+01	3.81E+00	1.44E-07	3.66E-08	2.51E-03	6.25E-05	1.04E+00	6.35E-01	1.83E+01	5.95E-04	1.83E+01	2.00E+01	1.68E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-01
	WNE025BG	5.31E-03	7.69E-01	-3.19E-02	8.01E-01	2.76E-05	0.00E+00	2.33E+02	7.02E-06	6.00E-04	6.85E-03	0.00E+00	1.45E+00	2.85E-08	3.53E-08	8.80E-01	9.93E-02	1.66E-03	1.46E-02	6.81E-03	2.37E-01	1.49E+01	3.85E+00	5.14E-08	3.71E-08	2.56E-03	6.78E-05	1.12E+00	6.86E-01	1.87E+01	5.95E-04	1.87E+01	2.05E+01	1.81E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-01
	WNE040BG	5.77E-03	8.11E-01	-2.75E-02	8.39E-01	2.52E-05	0.00E+00	2.55E+02	7.25E-06	6.56E-04	7.46E-03	0.00E+00	1.54E+00	2.83E-08	3.77E-08	8.17E-01	9.43E-02	1.67E-03	1.66E-02	6.84E-03	2.71E-01	1.51E+01	4.01E+00	1.33E-07	3.98E-08	2.74E-03	5.86E-05	1.16E+00	6.40E-01	1.92E+01	6.47E-04	1.92E+01	2.10E+01	1.80E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-01
	WNA300B	4.26E-03	5.70E-01	-4.71E-02	6.17E-01	2.52E-05	0.00E+00	2.57E+02	6.52E-06	4.98E-04	5.57E-03	0.00E+00	1.16E+00	2.03E-08	3.00E-08	7.84E-01	8.77E-02	1.18E-03	7.03E-03	5.03E-03	3.01E-01	9.42E+00	2.52E+00	1.18E-07	2.77E-08	1.65E-03	6.04E-05	9.65E-01	4.28E-01	1.19E+01	6.60E-04	1.19E+01	1.33E+01	1.39E+00	0.00E+00	0.00E+00	1.93E-02	2.16E-01
	WNA300	4.17E-03	5.72E-01	-2.67E-02	5.99E-01	2.52E-05	0.00E+00	2.56E+02	6.25E-06	4.71E-04	5.34E-03	0.00E+00	1.16E+00	1.69E-08	2.99E-08	2.55E-01	8.75E-02	1.04E-03	6.70E-03	4.89E-03	2.79E-01	9.22E+00	2.59E+00	1.17E-07	2.71E-08	1.59E-03	5.46E-05	9.88E-01	2.09E-01	1.18E+01	6.60E-04	1.18E+01	1.30E+01	1.20E+00	0.00E+00	0.00E+00	1.72E-02	2.10E-01
Distribution A4	WNC001	4.06E-05	2.57E-02	1.05E-07	2.57E-02	3.89E-08	0.00E+00	7.50E-01	9.61E-08	7.37E-06	8.08E-05	0.00E+00	1.08E-04	5.04E-12	9.61E-11	9.10E-04	1.10E-04	0.00E+00	0.00E+00	2.16E-05	2.39E-03	4.57E-01	0.00E+00	3.12E-10	3.49E-10	2.61E-05	1.89E-06	1.44E-03	0.00E+00	4.57E-01	9.17E-09	4.57E-01	4.58E-01	1.44E-03	0.00E+00	0.00E+00	0.00E+00	9.26E-04
	WNA001B	2.54E-05	1.61E-02	6.59E-08	1.61E-02	2.44E-08	0.00E+00	4.70E-01	6.02E-08	4.61E-06	5.06E-05	0.00E+00	6.74E-05	3.16E-12	6.02E-11	5.70E-04	6.89E-05	0.00E+00	0.00E+00	1.35E-05	1.49E-03	2.86E-01	0.00E+00	1.95E-10	2.18E-10	1.64E-05	1.18E-06	9.02E-04	0.00E+00	2.86E-01	5.75E-09	2.86E-01	2.87E-01	9.02E-04	0.00E+00	0.00E+00	0.00E+00	5.80E-04
	WNA001	2.22E-05	1.40E-02	5.74E-08	1.40E-02	2.12E-08	0.00E+00	4.09E-01	5.24E-08	4.02E-06	4.41E-05	0.00E+00	5.87E-05	2.75E-12	5.24E-11	4.97E-04	6.00E-05	0.00E+00	0.00E+00	1.18E-05	1.30E-03	2.49E-01	0.00E+00	1.70E-10	1.90E-10	1.43E-05	1.03E-06	7.86E-04	0.00E+00	2.49E-01	5.01E-09	2.49E-01	2.50E-01	7.86E-04	0.00E+00	0.00E+00	0.00E+00	5.05E-04
	WNA002B	2.56E-05	1.62E-02	6.64E-08	1.62E-02	2.46E-08	0.00E+00	4.74E-01	6.07E-08	4.65E-06	5.10E-05	0.00E+00	6.79E-05	3.18E-12	6.07E-11	5.74E-04	6.95E-05	0.00E+00	0.00E+00	1.36E-05	1.51E-03	2.88E-01	0.00E+00	1.97E-10	2.20E-10	1.65E-05	1.19E-06	9.09E-04	0.00E+00	2.88E-01	5.79E-09	2.88E-01	2.89E-01	9.09E-04	0.00E+00	0.00E+00	0.00E+00	5.84E-04
	WNA002	2.33E-05	1.48E-02	6.05E-08	1.48E-02	2.24E-08	0.00E+00	4.31E-01	5.52E-08	4.23E-06	4.65E-05	0.00E+00	6.18E-05	2.90E-12	5.52E-11	5.23E-04	6.32E-05	0.00E+00	0.00E+00	1.24E-05	1.37E-03	2.62E-01	0.00E+00	1.79E-10	2.00E-10	1.50E-05	1.09E-06	8.28E-04	0.00E+00	2.62E-01	5.27E-09	2.62E-01	2.63E-01	8.28E-04	0.00E+00	0.00E+00	0.00E+00	5.32E-04
	WNA003B	2.59E-05	1.64E-02	6.71E-08	1.64E-02	2.48E-08	0.00E+00	4.78E-01	6.13E-08	4.70E-06	5.15E-05	0.00E+00	6.86E-05	3.21E-12	6.13E-11	5.80E-04	7.02E-05	0.00E+00	0.00E+00	1.37E-05	1.52E-03	2.91E-01	0.00E+00	1.99E-10	2.22E-10	1.67E-05	1.21E-06	9.18E-04	0.00E+00	2.91E-01	5.85E-09	2.91E-01	2.92E-01	9.18E-04	0.00E+00	0.00E+00	0.00E+00	5.90E-04
	WNA003	2.27E-05	1.44E-02	5.88E-08	1.44E-02	2.17E-08	0.00E+00	4.19E-01	5.37E-08	4.11E-06	4.51E-05	0.00E+00	6.01E-05	2.82E-12	5.37E-11	5.08E-04	6.15E-05	0.00E+00	0.00E+00	1.20E-05	1.33E-03	2.55E-01	0.00E+00	1.74E-10	1.95E-10	1.46E-05	1.06E-06	8.04E-04	0.00E+00	2.55E-01	5.12E-09	2.55E-01	2.56E-01	8.04E-04	0.00E+00	0.00E+00	0.00E+00	5.17E-04
	WNA006B	2.72E-05	1.72E-02	7.05E-08	1.72E-02	2.61E-08	0.00E+00	5.03E-01	6.44E-08	4.93E-06	5.41E-05	0.00E+00	7.21E-05	3.38E-12	6.44E-11	6.10E-04	7.37E-05	0.00E+00	0.00E+00	1.44E-05	1.60E-03	3.06E-01	0.00E+00	2.09E-10	2.34E-10	1.75E-05	1.27E-06	9.65E-04	0.00E+00	3.06E-01	6.15E-09	3.06E-01	3.07E-01	9.65E-04	0.00E+00	0.00E+00	0.00E+00	6.20E-04
	WNA006	2.72E-05	1.72E-02	7.05E-08	1.72E-02	2.61E-08	0.00E+00	5.03E-01	6.44E-08	4.93E-06	5.41E-05	0.00E+00	7.21E-05	3.38E-12	6.44E-11	6.10E-04	7.37E-05	0.00E+00	0.00E+00	1.44E-05	1.60E-03	3.06E-01	0.00E+00	2.09E-10	2.34E-10	1.75E-05	1.27E-06	9.65E-04	0.00E+00	3.06E-01	6.15E-09	3.06E-01	3.07E-01	9.65E-04	0.00E+00	0.00E+00	0.00E+00	6.20E-04
	WNA007	2.35E-05	1.49E-02	6.08E-08	1.49E-02	2.25E-08	0.00E+00	4.34E-01	5.55E-08	4.26E-06	4.67E-05	0.00E+00	6.22E-05	2.91E-12	5.55E-11	5.26E-04	6.36E-05	0.00E+00	0.00E+00	1.25E-05	1.38E-03	2.64E-01	0.00E+00	1.80E-10	2.01E-10	1.51E-05	1.09E-06	8.32E-04	0.00E+00	2.64E-01	5.30E-09	2.64E-01	2.65E-01	8.32E-04	0.00E+00	0.00E+00	0.00E+00	5.35E-04
	WNA008B	2.59E-05	1.64E-02	6.71E-08	1.64E-02	2.48E-08	0.00E+00	4.78E-01	6.13E-08	4.70E-06	5.15E-05	0.00E+00	6.86E-05	3.21E-12	6.13E-11	5.80E-04	7.02E-05	0.00E+00	0.00E+00	1.37E-05	1.52E-03	2.91E-01	0.00E+00	1.99E-10	2.22E-10	1.67E-05	1.21E-06	9.18E-04	0.00E+00	2.91E-01	5.85E-09	2.91E-01	2.92E-01	9.18E-04	0.00E+00	0.00E+00	0.00E+00	5.90E-04
	WNA008	2.27E-05	1.44E-02	5.88E-08	1.44E-02	2.17E-08	0.00E+00	4.19E-01	5.37E-08	4.11E-06	4.51E-05	0.00E+00	6.01E-05	2.82E-12	5.37E-11	5.08E-04	6.15E-05	0.00E+00	0.00E+00	1.20E-05	1.33E-03	2.55E-01	0.00E+00	1.74E-10	1.95E-10	1.46E-05	1.06E-06	8.04E-04	0.00E+00	2.55E-01	5.12E-09	2.55E-01	2.56E-01	8.04E-04	0.00E+00	0.00E+00	0.00E+00	5.17E-04
	WNA010B	2.85E-05	1.81E-02	7.39E-08	1.81E-02	2.73E-08	0.00E+00	5.27E-01	6.75E-08	5.17E-06	5.68E-05	0.00E+00	7.55E-05	3.54E-12	6.75E-11	6.39E-04	7.73E-05	0.00E+00	0.00E+00	1.51E-05	1.68E-03	3.21E-01	0.00E+00	2.19E-10	2.45E-10	1.83E-05	1.33E-06	1.01E-03	0.00E+00	3.21E-01	6.44E-09	3.21E-01	3.22E-01	1.01E-03	0.00E+00	0.00E+00	0.00E+00	6.50E-04
	WNA010	2.59E-05	1.64E-02	6.71E-08	1.64E-02	2.48E-08	0.00E+00	4.78E-01	6.13E-08	4.70E-06	5.15E-05	0.00E+00	6.86E-05	3.21E-12	6.13E-11	5.80E-04	7.02E-05	0.00E+00	0.00E+00	1.37E-05	1.52E-03	2.91E-01	0.00E+00	1.99E-10	2.22E-10	1.67E-05	1.21E-06	9.18E-04	0.00E+00	2.91E-01	5.85E-09	2.91E-01	2.92E-01	9.18E-04	0.00E+00	0.00E+00	0.00E+00	5.90E-04
	WNA020B	2.49E-05	1.58E-02	6.46E-08	1.58E-02	2.39E-08	0.00E+00	4.60E-01	5.90E-08	4.52E-06	4.96E-05	0.00E+00	6.60E-05	3.09E-12	5.89E-11	5.58E-04	6.75E-05	0.00E+00	0.00E+00	1.32E-05	1.46E-03	2.80E-01	0.00E+00	1.91E-10	2.14E-10	1.60E-05	1.16E-06	8.83E-04	0.00E+00	2.80E-01	5.63E-09	2.80E-01	2.81E-01	8.83E-04	0.00E+00	0.00E+00	0.00E+00	5.68E-04
	WNA020	2.15E-05	1.36E-02	5.56E-08	1.36E-02	2.06E-08	0.00E+00	3.97E-01	5.08E-08	3.89E-06	4.27E-05	0.00E+00	5.69E-05	2.66E-12	5.08E-11	4.81E-04	5.82E-05	0.00E+00	0.00E+00	1.14E-05	1.26E-03	2.41E-01	0.00E+00	1.65E-10	1.84E-10	1.38E-05	1.00E-06	7.61E-04	0.00E+00	2.41E-01	4.85E-09	2.41E-01	2.42E-01	7.61E-04	0.00E+00	0.00E+00	0.00E+00	4.90E-04
	WNA021B	2.59E-05	1.64E-02	6.71E-08	1.64E-02	2.48E-08	0.00E+00	4.78E-01	6.13E-08	4.70E-06	5.15E-05	0.00E+00	6.86E-05	3.21E-12	6.13E-11	5.80E-04	7.02E-05	0.00E+00	0.00E+00	1.37E-05	1.52E-03	2.91E-01	0.00E+00	1.99E-10	2.22E-10	1.67E-05	1.21E-06	9.18E-04	0.00E+00	2.91E-01	5.85E-09	2.91E-01	2.92E-01	9.18E-04	0.00E+00	0.00E+00	0.00E+00	5.90E-04
	WNA021	2.60E-05	1.65E-02	6.75E-08	1.65E-02	2.49E-08	0.00E+00	4.81E-01	6.16E-08	4.72E-06	5.18E-05	0.00E+00	6.90E-05	3.23E-12	6.16E-11	5.84E-04	7.06E-05	0.00E+00	0.00E+00	1.38E-05	1.53E-03	2.93E-01	0.00E+00	2.00E-10	2.24E-10	1.68E-05	1.21E-06	9.23E-04	0.00E+00	2.93E-01	5.88E-09	2.93E-01	2.94E-01	9.23E-04	0.00E+00	0.00E+00	0.00E+00	5.94E-04
	WNA022B	2.59E-05	1.64E-02	6.71E-08	1.64E-02	2.48E-08	0.00E+00	4.78E-01	6.13E-08	4.70E-06	5.15E-05	0.00E+00	6.86E-05	3.21E-12	6.13E-11	5.80E-04	7.02E-05	0.00E+00	0.00E+00	1.37E-05	1.52E-03	2.91E-01	0.00E+00	1.99E-10	2.22E-10	1.67E-05	1.21E-06	9.18E-04	0.00E+00	2.91E-01	5.85E-09	2.91E-01	2.92E-01	9.18E-04	0.00E+00	0.00E+00	0.00E+00	5.90E-04
	WNA022	2.27E-05	1.44E-02	5.88E-08	1.44E-02	2.17E-08	0.00E+00	4.19E-01	5.37E-08	4.11E-06	4.51E-05	0.00E+00	6.01E-05	2.82E-12	5.37E-11	5.08E-04	6.15E-05	0.00E+00	0.00E+00	1.20E-05	1.33E-03	2.55E-01	0.00E+00	1.74E-10	1.95E-10	1.46E-05	1.06E-06	8.04E-04	0.00E+00	2.55E-01	5.12E-09	2.55E-01	2.56E-01	8.04E-04	0.00E+00	0.00E+00	0.00E+00	5.17E-04
	WNA023B	2.59E-05	1.64E-02	6.71E-08	1.64E-02	2.48E-08	0.00E+00	4.78E-01	6.13E-08	4.70E-06	5.15E-05	0.00E+00	6.86E-05	3.21E-12	6.13E-11	5.80E-04	7.02E-05	0.00E+00	0.00E+00	1.37E-05	1.52E-03	2.91E-01	0.00E+00	1.99E-10	2.22E-10	1.67E-05	1.21E-06	9.18E-04	0.00E+00	2.91E-01	5.85E-09	2.91E-01	2.92E-01	9.18E-04	0.00E+00	0.00E+00	0.00E+00	5.90E-04
	WNA023	2.59E-05	1.64E-02	6.71E-08	1.64E-02	2.48E-08	0.00E+00	4.78E-01	6.13E-08	4.70E-06	5.15E-05	0.00E+00	6.86E-05	3.21E-12	6.13E-11	5.80E-04	7.02E-05	0.00E+00	0.00E+00	1.37E-05	1.52E-03	2.91E-01	0.00E+00	1.99E-10	2.22E-10	1.67E-05	1.21E-06	9.18E-04	0.00E+00	2.91E-01	5.85E-09	2.91E-01	2.92E-01	9.18E-04	0.00E+00	0.00E+00	0.00E+00	5.90E-04
	WNA025B	2.72E-05	1.72E-02	7.05E-08	1.72E-02	2.61E-08	0.00E+00	5.03E-01	6.44E-08	4.93E-06	5.41E-05	0.00E+00	7.21E-05	3.38E-12	6.44E-11	6.10E-04	7.37E-05	0.00E+00	0.00E+00	1.44E-05	1.60E-03	3.06E-01	0.00E+00	2.09E-10	2.34E-10	1.75E-05	1.27E-06	9.65E-04	0.00E+00	3.06E-01	6.15E-09	3.06E-01	3.07E-01	9.65E-04	0.00E+00	0.00E+00	0.00E+00	6.20E-04
	WNA025	2.72E-05	1.72E-02	7.05E-08	1.72E-02	2.61E-08	0.00E+00	5.03E-01	6.44E-08	4.93E-06	5.41E-05	0.00E+00	7.21E-05	3.38E-12	6.44E-11	6.10E-04	7.37E-05	0.00E+00	0.00E+00	1.44E-05	1.60E-03	3.06E-01	0.00E+00	2.09E-10	2.34E-10	1.75E-05	1.27E-06	9.65E-04	0.00E+00	3.06E-01	6.15E-09	3.06E-01	3.07E-01	9.65E-04	0.00E+00	0.00E+00	0.00E+00	6.20E-04
	WNA032	4.12E-05	2.61E-02	1.07E-07	2.61E-02	3.95E-08	0.00E+00	7.61E-01	9.75E-08	7.47E-06	8.20E-05	0.00E+00	1.09E-04	5.11E-12	9.75E-11	9.23E-04	1.12E-04	0.00E+00	0.00E+00	2.19E-05	2.42E-03	4.63E-01	0.00E+00	3.16E-10	3.54E-10	2.65E-05	1.92E-06	1.46E-03	0.00E+00	4.63E-01	9.31E-09	4.63E-01	4.65E-01	1.46E-03	0.00E+00	0.00E+00	0.00E+00	9.39E-04
	WNA033	4.02E-05	2.54E-02	1.04E-07	2.54E-02	3.85E-08	0.00E+00	7.42E-01	9.50E-08	7.28E-06	7.99E-05	0.00E+00	1.06E-04	4.98E-12	9.50E-11	8.99E-04	1.09E-04	0.00E+00	0.00E+00	2.13E-05	2.36E-03	4.51E-01	0.00E+00	3.08E-10	3.45E-10	2.58E-05	1.87E-06	1.42E-03	0.00E+00	4.51E-01	9.07E-09	4.51E-01	4.53E-01	1.42E-03	0.00E+00	0.00E+00	0.00E+00	9.15E-04
	WNA035	2.87E-05	1.81E-02	7.42E-08	1.81E-02	2.74E-08	0.00E+00	5.29E-01	6.78E-08	5.20E-06	5.70E-05	0.00E+00	7.59E-05	3.56E-12	6.78E-11	6.42E-04	7.76E-05	0.00E+00	0.00E+00	1.52E-05	1.68E-03	3.22E-01	0.00E+00	2.20E-10	2.46E-10	1.84E-05	1.33E-06	1.02E-03	0.00E+00	3.22E-01	6.47E-09	3.22E-01	3.23E-01	1.02E-03	0.00E+00	0.00E+00	0.00E+00	6.53E-04
	WNA036	2.79E-05	1.76E-02	7.22E-08	1.76E-02	2.67E-08	0.00E+00	5.15E-01	6.59E-08	5.05E-06	5.55E-05	0.00E+00	7.38E-05	3.46E-12	6.59E-11	6.24E-04	7.55E-05	0.00E+00	0.00E+00	1.48E-05	1.64E-03	3.13E-01	0.00E+00	2.14E-10	2.39E-10	1.79E-05	1.30E-06	9.88E-04	0.00E+00	3.13E-01	6.29E-09	3.13E-01	3.14E-01	9.88E-04	0.00E+00	0.00E+00	0.00E+00	6.35E-04
	WNA037B	2.73E-05	1.73E-02	7.08E-08	1.73E-02	2.62E-08	0.00E+00	5.05E-01	6.47E-08	4.96E-06	5.44E-05	0.00E+00	7.24E-05	3.39E-12	6.47E-11	6.13E-04	7.41E-05	0.00E+00	0.00E+00	1.45E-05	1.61E-03	3.07E-01	0.00E+00	2.10E-10	2.35E-10	1.76E-05	1.27E-06	9.69E-04	0.00E+00	3.07E-01	6.18E-09	3.07E-01	3.08E-01	9.69E-04	0.00E+00	0.00E+00	0.00E+00	6.23E-04
	WNA037	2.79E-05	1.76E-02	7.22E-08	1.76E-02	2.67E-08	0.00E+00	5.15E-01	6.59E-08	5.05E-06	5.55E-05	0.00E+00	7.38E-05	3.46E-12	6.59E-11	6.24E-04	7.55E-05	0.00E+00	0.00E+00	1.48E-05	1.64E-03	3.13E-01	0.00E+00	2.14E-10	2.39E-10	1.79E-05	1.30E-06	9.88E-04	0.00E+00	3.13E-01	6.29E-09	3.13E-01	3.14E-01	9.88E-04	0.00E+00	0.00E+00	0.00E+00	6.35E-04
	WNA040B	2.78E-05	1.76E-02	7.20E-08	1.76E-02	2.66E-08	0.00E+00	5.13E-01	6.58E-08	5.04E-06	5.53E-05	0.00E+00	7.36E-05	3.45E-12	6.57E-11	6.23E-04	7.53E-05	0.00E+00	0.00E+00	1.48E-05	1.63E-03	3.12E-01	0.00E+00	2.13E-10	2.38E-10	1.79E-05	1.29E-06	9.85E-04	0.00E+00	3.12E-01	6.28E-09	3.12E-01	3.13E-01	9.85E-04	0.00E+00	0.00E+00	0.00E+00	6.34E-04
	WNA040	2.43E-05	1.54E-02	6.29E-08	1.54E-02	2.33E-08	0.00E+00	4.49E-01	5.75E-08	4.40E-06	4.83E-05	0.00E+00	6.43E-05	3.01E-12	5.75E-11	5.44E-04	6.58E-05	0.00E+00	0.00E+00	1.29E-05	1.43E-03	2.73E-01	0.00E+00	1.87E-10	2.08E-10	1.56E-05	1.13E-06	8.61E-04	0.00E+00	2.73E-01	5.49E-09	2.73E-01	2.74E-01	8.61E-04	0.00E+00	0.00E+00	0.00E+00	5.54E-04
	WNA041B	2.85E-05	1.81E-02	7.39E-08	1.81E-02	2.73E-08	0.00E+00	5.27E-01	6.75E-08	5.17E-06	5.68E-05	0.00E+00	7.55E-05	3.54E-12	6.75E-11	6.39E-04	7.73E-05	0.00E+00	0.00E+00	1.51E-05	1.68E-03	3.21E-01	0.00E+00	2.19E-10	2.45E-10	1.83E-05	1.33E-06	1.01E-03	0.00E+00	3.21E-01	6.44E-09	3.21E-01	3.22E-01	1.01E-03	0.00E+00	0.00E+00	0.00E+00	6.50E-04
	WNA041	2.85E-05	1.81E-02	7.39E-08	1.81E-02	2.73E-08	0.00E+00	5.27E-01	6.75E-08	5.17E-06	5.68E-05	0.00E+00	7.55E-05	3.54E-12	6.75E-11	6.39E-04	7.73E-05	0.00E+00	0.00E+00	1.51E-05	1.68E-03	3.21E-01	0.00E+00	2.19E-10	2.45E-10	1.83E-05	1.33E-06	1.01E-03	0.00E+00	3.21E-01	6.44E-09	3.21E-01	3.22E-01	1.01E-03	0.00E+00	0.00E+00	0.00E+00	6.50E-04
	WNA044B	2.85E-05	1.81E-02	7.39E-08	1.81E-02	2.73E-08	0.00E+00	5.27E-01	6.75E-08	5.17E-06	5.68E-05	0.00E+00	7.55E-05	3.54E-12	6.75E-11	6.39E-04	7.73E-05	0.00E+00	0.00E+00	1.51E-05	1.68E-03	3.21E-01	0.00E+00	2.19E-10	2.45E-10	1.83E-05	1.33E-06	1.01E-03	0.00E+00	3.21E-01	6.44E-09	3.21E-01	3.22E-01	1.01E-03	0.00E+00	0.00E+00	0.00E+00	6.50E-04
	WNA044	2.53E-05	1.60E-02	6.56E-08	1.60E-02	2.42E-08	0.00E+00	4.68E-01	5.99E-08	4.59E-06	5.04E-05	0.00E+00	6.70E-05	3.14E-12	5.99E-11	5.67E-04	6.86E-05	0.00E+00	0.00E+00	1.34E-05	1.49E-03	2.85E-01	0.00E+00	1.94E-10	2.17E-10	1.63E-05	1.18E-06	8.97E-04	0.00E+00	2.85E-01	5.72E-09	2.85E-01	2.85E-01	8.97E-04	0.00E+00	0.00E+00	0.00E+00	5.77E-04
	WNA045B	2.85E-05	1.81E-02	7.39E-08	1.81E-02	2.73E-08	0.00E+00	5.27E-01	6.75E-08	5.17E-06	5.68E-05	0.00E+00	7.55E-05	3.54E-12	6.75E-11	6.39E-04	7.73E-05	0.00E+00	0.00E+00	1.51E-05	1.68E-03	3.21E-01	0.00E+00	2.19E-10	2.45E-10	1.83E-05	1.33E-06	1.01E-03	0.00E+00	3.21E-01	6.44E-09	3.21E-01	3.22E-01	1.01E-03	0.00E+00	0.00E+00	0.00E+00	6.50E-04
	WNA045	2.85E-05	1.81E-02	7.39E-08	1.81E-02	2.73E-08	0.00E+00	5.27E-01	6.75E-08	5.17E-06	5.68E-05	0.00E+00	7.55E-05	3.54E-12	6.75E-11	6.39E-04	7.73E-05	0.00E+00	0.00E+00	1.51E-05	1.68E-03	3.21E-01	0.00E+00	2.19E-10	2.45E-10	1.83E-05	1.33E-06	1.01E-03	0.00E+00	3.21E-01	6.44E-09	3.21E-01	3.22E-01	1.01E-03	0.00E+00	0.00E+00	0.00E+00	6.50E-04
	WNC001B	4.11E-05	2.60E-02	1.06E-07	2.60E-02	3.94E-08	0.00E+00	7.59E-01	9.72E-08	7.45E-06	8.18E-05	0.00E+00	1.09E-04	5.10E-12	9.72E-11	9.21E-04	1.11E-04	0.00E+00	0.00E+00	2.18E-05	2.41E-03	4.62E-01	0.00E+00	3.16E-10	3.53E-10	2.64E-05	1.91E-06	1.46E-03	0.00E+00	4.62E-01	9.28E-09	4.62E-01	4.64E-01	1.46E-03	0.00E+00	0.00E+00	0.00E+00	9.37E-04
	WNC001EC	4.11E-05	2.60E-02	1.06E-07	2.60E-02	3.94E-08	0.00E+00	7.59E-01	9.72E-08	7.45E-06	8.18E-05	0.00E+00	1.09E-04	5.10E-12	9.72E-11	9.21E-04	1.11E-04	0.00E+00	0.00E+00	2.18E-05	2.41E-03	4.62E-01	0.00E+00	3.16E-10	3.53E-10	2.64E-05	1.91E-06	1.46E-03	0.00E+00	4.62E-01	9.28E-09	4.62E-01	4.64E-01	1.46E-03	0.00E+00	0.00E+00	0.00E+00	9.37E-04
	WNC002EC	4.43E-05	2.80E-02	1.15E-07	2.80E-02	4.24E-08	0.00E+00	8.18E-01	1.05E-07	8.03E-06	8.81E-05	0.00E+00	1.17E-04	5.49E-12	1.05E-10	9.92E-04	1.20E-04	0.00E+00	0.00E+00	2.35E-05	2.60E-03	4.98E-01	0.00E+00	3.40E-10	3.80E-10	2.85E-05	2.06E-06	1.57E-03	0.00E+00	4.98E-01	1.00E-08	4.98E-01	4.99E-01	1.57E-03	0.00E+00	0.00E+00	0.00E+00	1.01E-03
	WNC002	4.43E-05	2.80E-02	1.15E-07	2.80E-02	4.24E-08	0.00E+00	8.18E-01	1.05E-07	8.03E-06	8.81E-05	0.00E+00	1.17E-04	5.49E-12	1.05E-10	9.92E-04	1.20E-04	0.00E+00	0.00E+00	2.35E-05	2.60E-03	4.98E-01	0.00E+00	3.40E-10	3.80E-10	2.85E-05	2.06E-06	1.57E-03	0.00E+00	4.98E-01	1.00E-08	4.98E-01	4.99E-01	1.57E-03	0.00E+00	0.00E+00	0.00E+00	1.01E-03
	WNC003	1.95E-04	2.88E-02	0.00E+00	2.88E-02	0.00E+00	0.00E+00	1.89E-02	1.08E-08	8.56E-05	9.40E-04	0.00E+00	0.00E+00	5.07E-13	9.81E-12	7.03E-05	0.00E+00	0.00E+00	0.00E+00	2.55E-06	1.01E-03	4.02E-01	0.00E+00	4.42E-11	1.49E-09	2.37E-04	7.21E-07	5.37E-04	0.00E+00	4.02E-01	1.14E-09	4.02E-01	4.03E-01	5.37E-04	0.00E+00	0.00E+00	0.00E+00	1.10E-04
	WNC020B	4.22E-05	2.67E-02	1.09E-07	2.67E-02	4.04E-08	0.00E+00	7.79E-01	9.98E-08	7.65E-06	8.39E-05	0.00E+00	1.12E-04	5.23E-12	9.97E-11	9.45E-04	1.14E-04	0.00E+00	0.00E+00	2.24E-05	2.48E-03	4.74E-01	0.00E+00	3.24E-10	3.62E-10	2.71E-05	1.96E-06	1.49E-03	0.00E+00	4.74E-01	9.52E-09	4.74E-01	4.76E-01	1.49E-03	0.00E+00	0.00E+00	0.00E+00	9.61E-04
	WNC020EC	4.22E-05	2.67E-02	1.09E-07	2.67E-02	4.04E-08	0.00E+00	7.79E-01	9.98E-08	7.65E-06	8.39E-05	0.00E+00	1.12E-04	5.23E-12	9.97E-11	9.45E-04	1.14E-04	0.00E+00	0.00E+00	2.24E-05	2.48E-03	4.74E-01	0.00E+00	3.24E-10	3.62E-10	2.71E-05	1.96E-06	1.49E-03	0.00E+00	4.74E-01	9.52E-09	4.74E-01	4.76E-01	1.49E-03	0.00E+00	0.00E+00	0.00E+00	9.61E-04
	WNC020	1.68E-04	2.65E-02	0.00E+00	2.65E-02	0.00E+00	0.00E+00	1.74E-02	9.94E-09	7.87E-05	8.63E-04	0.00E+00	0.00E+00	4.66E-13	9.01E-12	6.45E-05	0.00E+00	0.00E+00	0.00E+00	2.34E-06	9.30E-04	3.70E-01	0.00E+00	4.06E-11	1.36E-09	2.18E-04	6.62E-07	4.93E-04	0.00E+00	3.70E-01	1.04E-09	3.70E-01	3.70E-01	4.93E-04	0.00E+00	0.00E+00	0.00E+00	1.01E-04
	WNC021B	4.43E-05	2.80E-02	1.15E-07	2.80E-02	4.24E-08	0.00E+00	8.18E-01	1.05E-07	8.03E-06	8.81E-05	0.00E+00	1.17E-04	5.49E-12	1.05E-10	9.92E-04	1.20E-04	0.00E+00	0.00E+00	2.35E-05	2.60E-03	4.98E-01	0.00E+00	3.40E-10	3.80E-10	2.85E-05	2.06E-06	1.57E-03	0.00E+00	4.98E-01	1.00E-08	4.98E-01	4.99E-01	1.57E-03	0.00E+00	0.00E+00	0.00E+00	1.01E-03
	WNC021	4.12E-05	2.61E-02	1.07E-07	2.61E-02	3.94E-08	0.00E+00	7.61E-01	9.74E-08	7.47E-06	8.19E-05	0.00E+00	1.09E-04	5.11E-12	9.74E-11	9.23E-04	1.12E-04	0.00E+00	0.00E+00	2.19E-05	2.42E-03	4.63E-01	0.00E+00	3.16E-10	3.53E-10	2.65E-05	1.92E-06	1.46E-03	0.00E+00	4.63E-01	9.30E-09	4.63E-01	4.64E-01	1.46E-03	0.00E+00	0.00E+00	0.00E+00	9.39E-04
	WNC022	4.29E-05	2.72E-02	1.11E-07	2.72E-02	4.11E-08	0.00E+00	7.93E-01	1.02E-07	7.79E-06	8.55E-05	0.00E+00	1.14E-04	5.33E-12	1.02E-10	9.62E-04	1.16E-04	0.00E+00	0.00E+00	2.28E-05	2.52E-03	4.83E-01	0.00E+00	3.30E-10	3.69E-10	2.76E-05	2.00E-06	1.52E-03	0.00E+00	4.83E-01	9.70E-09	4.83E-01	4.84E-01	1.52E-03	0.00E+00	0.00E+00	0.00E+00	9.79E-04
	WNC023	4.16E-05	2.64E-02	1.08E-07	2.64E-02	3.99E-08	0.00E+00	7.69E-01	9.85E-08	7.55E-06	8.28E-05	0.00E+00	1.10E-04	5.16E-12	9.85E-11	9.32E-04	1.13E-04	0.00E+00	0.00E+00	2.21E-05	2.45E-03	4.68E-01	0.00E+00	3.20E-10	3.57E-10	2.68E-05	1.94E-06	1.48E-03	0.00E+00	4.68E-01	9.40E-09	4.68E-01	4.69E-01	1.48E-03	0.00E+00	0.00E+00	0.00E+00	9.49E-04
	WNC025	4.42E-05	2.80E-02	1.15E-07	2.80E-02	4.24E-08	0.00E+00	8.17E-01	1.05E-07	8.02E-06	8.80E-05	0.00E+00	1.17E-04	5.49E-12	1.05E-10	9.91E-04	1.20E-04	0.00E+00	0.00E+00	2.35E-05	2.60E-03	4.97E-01	0.00E+00	3.40E-10	3.80E-10	2.85E-05	2.06E-06	1.57E-03	0.00E+00	4.97E-01	9.99E-09	4.97E-01	4.99E-01	1.57E-03	0.00E+00	0.00E+00	0.00E+00	1.01E-03
	WNC032	5.98E-05	3.79E-02	1.55E-07	3.79E-02	5.73E-08	0.00E+00	1.11E+00	1.42E-07	1.08E-05	1.19E-04	0.00E+00	1.58E-04	7.42E-12	1.42E-10	1.34E-03	1.62E-04	0.00E+00	0.00E+00	3.18E-05	3.52E-03	6.73E-01	0.00E+00	4.59E-10	5.13E-10	3.85E-05	2.78E-06	2.12E-03	0.00E+00	6.73E-01	1.35E-08	6.73E-01	6.75E-01	2.12E-03	0.00E+00	0.00E+00	0.00E+00	1.36E-03
	WNC033	5.72E-05	3.62E-02	1.48E-07	3.62E-02	5.48E-08	0.00E+00	1.06E+00	1.35E-07	1.04E-05	1.14E-04	0.00E+00	1.52E-04	7.10E-12	1.35E-10	1.28E-03	1.55E-04	0.00E+00	0.00E+00	3.04E-05	3.36E-03	6.43E-01	0.00E+00	4.39E-10	4.91E-10	3.68E-05	2.66E-06	2.03E-03	0.00E+00	6.43E-01	1.29E-08	6.43E-01	6.45E-01	2.03E-03	0.00E+00	0.00E+00	0.00E+00	1.30E-03
	WNC035	4.44E-05	2.81E-02	1.15E-07	2.81E-02	4.25E-08	0.00E+00	8.20E-01	1.05E-07	8.05E-06	8.83E-05	0.00E+00	1.18E-04	5.51E-12	1.05E-10	9.94E-04	1.20E-04	0.00E+00	0.00E+00	2.36E-05	2.61E-03	4.99E-01	0.00E+00	3.41E-10	3.81E-10	2.86E-05	2.07E-06	1.57E-03	0.00E+00	4.99E-01	1.00E-08	4.99E-01	5.01E-01	1.57E-03	0.00E+00	0.00E+00	0.00E+00	1.01E-03
	WNC036	4.44E-05	2.81E-02	1.15E-07	2.81E-02	4.25E-08	0.00E+00	8.20E-01	1.05E-07	8.05E-06	8.83E-05	0.00E+00	1.18E-04	5.51E-12	1.05E-10	9.94E-04	1.20E-04	0.00E+00	0.00E+00	2.36E-05	2.61E-03	4.99E-01	0.00E+00	3.41E-10	3.81E-10	2.86E-05	2.07E-06	1.57E-03	0.00E+00	4.99E-01	1.00E-08	4.99E-01	5.01E-01	1.57E-03	0.00E+00	0.00E+00	0.00E+00	1.01E-03
	WNC040EC	4.53E-05	2.87E-02	1.17E-07	2.87E-02	4.34E-08	0.00E+00	8.37E-01	1.07E-07	8.22E-06	9.02E-05	0.00E+00	1.20E-04	5.62E-12	1.07E-10	1.02E-03	1.23E-04	0.00E+00	0.00E+00	2.41E-05	2.66E-03	5.09E-01	0.00E+00	3.48E-10	3.89E-10	2.91E-05	2.11E-06	1.61E-03	0.00E+00	5.09E-01	1.02E-08	5.09E-01	5.11E-01	1.61E-03	0.00E+00	0.00E+00	0.00E+00	1.03E-03
	WNC040	4.41E-05	2.80E-02	1.14E-07	2.80E-02	4.23E-08	0.00E+00	8.15E-01	1.04E-07	8.00E-06	8.78E-05	0.00E+00	1.17E-04	5.48E-12	1.04E-10	9.89E-04	1.20E-04	0.00E+00	0.00E+00	2.34E-05	2.59E-03	4.96E-01	0.00E+00	3.39E-10	3.79E-10	2.84E-05	2.05E-06	1.56E-03	0.00E+00	4.96E-01	9.97E-09	4.96E-01	4.98E-01	1.56E-03	0.00E+00	0.00E+00	0.00E+00	1.01E-03
	WNC041	4.53E-05	2.87E-02	1.17E-07	2.87E-02	4.34E-08	0.00E+00	8.37E-01	1.07E-07	8.22E-06	9.02E-05	0.00E+00	1.20E-04	5.62E-12	1.07E-10	1.02E-03	1.23E-04	0.00E+00	0.00E+00	2.41E-05	2.66E-03	5.09E-01	0.00E+00	3.48E-10	3.89E-10	2.91E-05	2.11E-06	1.61E-03	0.00E+00	5.09E-01	1.02E-08	5.09E-01	5.11E-01	1.61E-03	0.00E+00	0.00E+00	0.00E+00	1.03E-03
	WNC042B	4.29E-05	2.72E-02	1.11E-07	2.72E-02	4.11E-08	0.00E+00	7.93E-01	1.02E-07	7.79E-06	8.55E-05	0.00E+00	1.14E-04	5.33E-12	1.02E-10	9.62E-04	1.16E-04	0.00E+00	0.00E+00	2.28E-05	2.52E-03	4.83E-01	0.00E+00	3.30E-10	3.69E-10	2.76E-05	2.00E-06	1.52E-03	0.00E+00	4.83E-01	9.70E-09	4.83E-01	4.84E-01	1.52E-03	0.00E+00	0.00E+00	0.00E+00	9.79E-04
	WNC042	4.14E-05	2.62E-02	1.07E-07	2.62E-02	3.96E-08	0.00E+00	7.64E-01	9.79E-08	7.50E-06	8.23E-05	0.00E+00	1.10E-04	5.13E-12	9.78E-11	9.27E-04	1.12E-04	0.00E+00	0.00E+00	2.20E-05	2.43E-03	4.65E-01	0.00E+00	3.18E-10	3.55E-10	2.66E-05	1.93E-06	1.47E-03	0.00E+00	4.65E-01	9.34E-09	4.65E-01	4.66E-01	1.47E-03	0.00E+00	0.00E+00	0.00E+00	9.43E-04
	WNC044	4.43E-05	2.80E-02	1.15E-07	2.80E-02	4.24E-08	0.00E+00	8.18E-01	1.05E-07	8.03E-06	8.81E-05	0.00E+00	1.17E-04	5.49E-12	1.05E-10	9.92E-04	1.20E-04	0.00E+00	0.00E+00	2.35E-05	2.60E-03	4.98E-01	0.00E+00	3.40E-10	3.80E-10	2.85E-05	2.06E-06	1.57E-03	0.00E+00	4.98E-01	1.00E-08	4.98E-01	4.99E-01	1.57E-03	0.00E+00	0.00E+00	0.00E+00	1.01E-03
	WNE001B	3.38E-05	2.14E-02	8.75E-08	2.14E-02	3.23E-08	0.00E+00	6.24E-01	7.99E-08	6.12E-06	6.72E-05	0.00E+00	8.94E-05	4.19E-12	7.99E-11	7.56E-04	9.14E-05	0.00E+00	0.00E+00	1.79E-05	1.98E-03	3.80E-01	0.00E+00	2.59E-10	2.90E-10	2.17E-05	1.57E-06	1.20E-03	0.00E+00	3.80E-01	7.62E-09	3.80E-01	3.81E-01	1.20E-03	0.00E+00	0.00E+00	0.00E+00	7.70E-04
	WNE001G	3.54E-05	2.24E-02	9.18E-08	2.24E-02	3.39E-08	0.00E+00	6.55E-01	8.39E-08	6.43E-06	7.05E-05	0.00E+00	9.39E-05	4.40E-12	8.39E-11	7.94E-04	9.60E-05	0.00E+00	0.00E+00	1.88E-05	2.08E-03	3.99E-01	0.00E+00	2.72E-10	3.04E-10	2.28E-05	1.65E-06	1.26E-03	0.00E+00	3.99E-01	8.01E-09	3.99E-01	4.00E-01	1.26E-03	0.00E+00	0.00E+00	0.00E+00	8.08E-04
	WNE001	3.24E-05	2.05E-02	8.40E-08	2.05E-02	3.11E-08	0.00E+00	5.99E-01	7.67E-08	5.88E-06	6.45E-05	0.00E+00	8.59E-05	4.02E-12	7.67E-11	7.26E-04	8.79E-05	0.00E+00	0.00E+00	1.72E-05	1.91E-03	3.65E-01	0.00E+00	2.49E-10	2.78E-10	2.09E-05	1.51E-06	1.15E-03	0.00E+00	3.65E-01	7.32E-09	3.65E-01	3.66E-01	1.15E-03	0.00E+00	0.00E+00	0.00E+00	7.39E-04
	WNE023B	3.45E-05	2.18E-02	8.94E-08	2.18E-02	3.30E-08	0.00E+00	6.37E-01	8.16E-08	6.26E-06	6.86E-05	0.00E+00	9.14E-05	4.28E-12	8.16E-11	7.73E-04	9.35E-05	0.00E+00	0.00E+00	1.83E-05	2.03E-03	3.88E-01	0.00E+00	2.65E-10	2.96E-10	2.22E-05	1.61E-06	1.22E-03	0.00E+00	3.88E-01	7.79E-09	3.88E-01	3.89E-01	1.22E-03	0.00E+00	0.00E+00	0.00E+00	7.86E-04
	WNE023G	3.60E-05	2.28E-02	9.32E-08	2.28E-02	3.44E-08	0.00E+00	6.64E-01	8.51E-08	6.52E-06	7.16E-05	0.00E+00	9.53E-05	4.46E-12	8.51E-11	8.06E-04	9.74E-05	0.00E+00	0.00E+00	1.91E-05	2.11E-03	4.04E-01	0.00E+00	2.76E-10	3.09E-10	2.31E-05	1.67E-06	1.28E-03	0.00E+00	4.04E-01	8.12E-09	4.04E-01	4.06E-01	1.28E-03	0.00E+00	0.00E+00	0.00E+00	8.20E-04
	WNE023	3.36E-05	2.13E-02	8.71E-08	2.13E-02	3.22E-08	0.00E+00	6.21E-01	7.95E-08	6.09E-06	6.69E-05	0.00E+00	8.90E-05	4.17E-12	7.95E-11	7.53E-04	9.11E-05	0.00E+00	0.00E+00	1.78E-05	1.97E-03	3.78E-01	0.00E+00	2.58E-10	2.88E-10	2.16E-05	1.56E-06	1.19E-03	0.00E+00	3.78E-01	7.59E-09	3.78E-01	3.79E-01	1.19E-03	0.00E+00	0.00E+00	0.00E+00	7.66E-04
	WNE025B	3.48E-05	2.20E-02	9.01E-08	2.20E-02	3.33E-08	0.00E+00	6.42E-01	8.22E-08	6.30E-06	6.92E-05	0.00E+00	9.21E-05	4.31E-12	8.22E-11	7.79E-04	9.42E-05	0.00E+00	0.00E+00	1.85E-05	2.04E-03	3.91E-01	0.00E+00	2.67E-10	2.98E-10	2.24E-05	1.62E-06	1.23E-03	0.00E+00	3.91E-01	7.85E-09	3.91E-01	3.92E-01	1.23E-03	0.00E+00	0.00E+00	0.00E+00	7.92E-04
	WNE025G	3.62E-05	2.29E-02	9.39E-08	2.29E-02	3.47E-08	0.00E+00	6.69E-01	8.57E-08	6.57E-06	7.21E-05	0.00E+00	9.60E-05	4.50E-12	8.57E-11	8.12E-04	9.82E-05	0.00E+00	0.00E+00	1.92E-05	2.13E-03	4.07E-01	0.00E+00	2.78E-10	3.11E-10	2.33E-05	1.69E-06	1.28E-03	0.00E+00	4.07E-01	8.18E-09	4.07E-01	4.09E-01	1.28E-03	0.00E+00	0.00E+00	0.00E+00	8.26E-04
	WNE025	3.41E-05	2.16E-02	8.84E-08	2.16E-02	3.27E-08	0.00E+00	6.31E-01	8.08E-08	6.19E-06	6.79E-05	0.00E+00	9.04E-05	4.24E-12	8.07E-11	7.65E-04	9.25E-05	0.00E+00	0.00E+00	1.81E-05	2.01E-03	3.84E-01	0.00E+00	2.62E-10	2.93E-10	2.20E-05	1.59E-06	1.21E-03	0.00E+00	3.84E-01	7.71E-09	3.84E-01	3.85E-01	1.21E-03	0.00E+00	0.00E+00	0.00E+00	7.78E-04
	WNE040B	3.66E-05	2.32E-02	9.48E-08	2.32E-02	3.50E-08	0.00E+00	6.76E-01	8.66E-08	6.64E-06	7.28E-05	0.00E+00	9.69E-05	4.54E-12	8.66E-11	8.20E-04	9.91E-05	0.00E+00	0.00E+00	1.94E-05	2.15E-03	4.11E-01	0.00E+00	2.81E-10	3.14E-10	2.35E-05	1.70E-06	1.30E-03	0.00E+00	4.11E-01	8.27E-09	4.11E-01	4.13E-01	1.30E-03	0.00E+00	0.00E+00	0.00E+00	8.34E-04
	WNE040G	3.75E-05	2.38E-02	9.73E-08	2.38E-02	3.60E-08	0.00E+00	6.94E-01	8.88E-08	6.81E-06	7.47E-05	0.00E+00	9.94E-05	4.66E-12	8.88E-11	8.41E-04	1.02E-04	0.00E+00	0.00E+00	1.99E-05	2.21E-03	4.22E-01	0.00E+00	2.88E-10	3.22E-10	2.41E-05	1.75E-06	1.33E-03	0.00E+00	4.22E-01	8.48E-09	4.22E-01	4.23E-01	1.33E-03	0.00E+00	0.00E+00	0.00E+00	8.56E-04
	WNE040	3.48E-05	2.20E-02	9.01E-08	2.20E-02	3.33E-08	0.00E+00	6.42E-01	8.23E-08	6.30E-06	6.92E-05	0.00E+00	9.21E-05	4.31E-12	8.22E-11	7.79E-04	9.42E-05	0.00E+00	0.00E+00	1.85E-05	2.04E-03	3.91E-01	0.00E+00	2.67E-10	2.98E-10	2.24E-05	1.62E-06	1.23E-03	0.00E+00	3.91E-01	7.85E-09	3.91E-01	3.92E-01	1.23E-03	0.00E+00	0.00E+00	0.00E+00	7.93E-04
	WNC025B	4.69E-05	2.97E-02	1.21E-07	2.97E-02	4.49E-08	0.00E+00	8.66E-01	1.11E-07	8.50E-06	9.33E-05	0.00E+00	1.24E-04	5.82E-12	1.11E-10	1.05E-03	1.27E-04	0.00E+00	0.00E+00	2.49E-05	2.75E-03	5.27E-01	0.00E+00	3.60E-10	4.02E-10	3.02E-05	2.18E-06	1.66E-03	0.00E+00	5.27E-01	1.06E-08	5.27E-01	5.29E-01	1.66E-03	0.00E+00	0.00E+00	0.00E+00	1.07E-03

| | | |

| | | |

	WNA008B	5.98E-04	8.36E-02	3.54E-03	8.00E-02	4.57E-10	0.00E+00	3.42E-01	6.98E-07	2.93E-04	8.12E-04	0.00E+00	8.12E-04	9.75E-11	3.05E-09	4.16E-03	1.48E-01	0.00E+00	0.00E+00	3.98E-01	1.34E-04	8.88E-01	0.00E+00	7.32E-09	3.50E-09	2.33E-04	6.56E-08	7.10E-02	0.00E+00	8.88E-01	2.69E-07	8.88E-01	9.59E-01	7.10E-02	0.00E+00	0.00E+00	0.00E+00	1.41E+01
	WNA008	5.97E-04	8.33E-02	3.54E-03	7.98E-02	4.55E-10	0.00E+00	3.41E-01	6.97E-07	2.93E-04	8.10E-04	0.00E+00	8.12E-04	9.74E-11	3.05E-09	4.14E-03	1.48E-01	0.00E+00	0.00E+00	3.97E-01	1.34E-04	8.84E-01	0.00E+00	7.29E-09	3.49E-09	2.32E-04	6.55E-08	7.08E-02	0.00E+00	8.84E-01	2.68E-07	8.84E-01	9.55E-01	7.08E-02	0.00E+00	0.00E+00	0.00E+00	1.40E+01
	WNA010B	6.12E-04	8.36E-02	4.26E-03	7.94E-02	4.75E-10	0.00E+00	3.59E-01	6.99E-07	3.00E-04	8.16E-04	0.00E+00	1.19E-03	9.92E-11	3.28E-09	4.35E-03	1.51E-01	0.00E+00	0.00E+00	4.01E-01	1.85E-04	9.02E-01	0.00E+00	7.48E-09	3.56E-09	2.34E-04	8.66E-08	7.23E-02	0.00E+00	9.02E-01	2.64E-07	9.02E-01	9.75E-01	7.23E-02	0.00E+00	0.00E+00	0.00E+00	1.42E+01
	WNA010	6.12E-04	8.36E-02	4.26E-03	7.94E-02	4.75E-10	0.00E+00	3.59E-01	6.99E-07	3.00E-04	8.16E-04	0.00E+00	1.19E-03	9.92E-11	3.28E-09	4.35E-03	1.51E-01	0.00E+00	0.00E+00	4.01E-01	1.85E-04	9.02E-01	0.00E+00	7.48E-09	3.56E-09	2.34E-04	8.66E-08	7.23E-02	0.00E+00	9.02E-01	2.64E-07	9.02E-01	9.75E-01	7.23E-02	0.00E+00	0.00E+00	0.00E+00	1.42E+01
	WNA020B	4.23E-04	7.47E-02	3.06E-03	7.16E-02	4.09E-10	0.00E+00	2.64E-01	5.67E-07	1.74E-04	7.24E-04	0.00E+00	7.92E-04	8.30E-11	1.73E-09	3.72E-03	1.17E-01	0.00E+00	0.00E+00	3.28E-01	1.29E-04	7.88E-01	0.00E+00	6.49E-09	3.02E-09	2.02E-04	6.23E-08	5.85E-02	0.00E+00	7.88E-01	2.61E-07	7.88E-01	8.47E-01	5.85E-02	0.00E+00	0.00E+00	0.00E+00	1.15E+01
	WNA020	4.23E-04	7.47E-02	3.06E-03	7.16E-02	4.09E-10	0.00E+00	2.64E-01	5.67E-07	1.74E-04	7.24E-04	0.00E+00	7.92E-04	8.30E-11	1.73E-09	3.72E-03	1.17E-01	0.00E+00	0.00E+00	3.28E-01	1.29E-04	7.88E-01	0.00E+00	6.49E-09	3.02E-09	2.02E-04	6.23E-08	5.85E-02	0.00E+00	7.88E-01	2.61E-07	7.88E-01	8.47E-01	5.85E-02	0.00E+00	0.00E+00	0.00E+00	1.15E+01
	WNA021B	5.23E-04	8.20E-02	4.16E-03	7.78E-02	4.54E-10	0.00E+00	3.48E-01	6.51E-07	2.39E-04	7.85E-04	0.00E+00	1.56E-03	3.37E-10	2.53E-09	4.15E-03	1.35E-01	0.00E+00	0.00E+00	3.68E-01	1.92E-04	8.56E-01	0.00E+00	7.03E-09	3.33E-09	2.22E-04	8.92E-08	6.64E-02	0.00E+00	8.56E-01	2.66E-07	8.56E-01	9.23E-01	6.64E-02	0.00E+00	0.00E+00	0.00E+00	1.30E+01
	WNA021	5.23E-04	8.20E-02	4.16E-03	7.78E-02	4.54E-10	0.00E+00	3.48E-01	6.51E-07	2.39E-04	7.85E-04	0.00E+00	1.56E-03	3.37E-10	2.53E-09	4.15E-03	1.35E-01	0.00E+00	0.00E+00	3.68E-01	1.92E-04	8.56E-01	0.00E+00	7.03E-09	3.33E-09	2.22E-04	8.92E-08	6.64E-02	0.00E+00	8.56E-01	2.66E-07	8.56E-01	9.23E-01	6.64E-02	0.00E+00	0.00E+00	0.00E+00	1.30E+01
	WNA022B	4.27E-04	7.63E-02	3.09E-03	7.32E-02	4.22E-10	0.00E+00	2.71E-01	5.75E-07	1.73E-04	7.40E-04	0.00E+00	7.92E-04	8.44E-11	1.80E-09	3.81E-03	1.20E-01	0.00E+00	0.00E+00	3.33E-01	1.30E-04	8.06E-01	0.00E+00	6.68E-09	3.09E-09	2.06E-04	6.29E-08	5.95E-02	0.00E+00	8.06E-01	2.63E-07	8.06E-01	8.65E-01	5.95E-02	0.00E+00	0.00E+00	0.00E+00	1.16E+01
	WNA022	4.27E-04	7.63E-02	3.09E-03	7.32E-02	4.22E-10	0.00E+00	2.71E-01	5.75E-07	1.73E-04	7.40E-04	0.00E+00	7.92E-04	8.44E-11	1.80E-09	3.81E-03	1.20E-01	0.00E+00	0.00E+00	3.33E-01	1.30E-04	8.06E-01	0.00E+00	6.68E-09	3.09E-09	2.06E-04	6.29E-08	5.95E-02	0.00E+00	8.06E-01	2.63E-07	8.06E-01	8.65E-01	5.95E-02	0.00E+00	0.00E+00	0.00E+00	1.16E+01
	WNA023B	6.22E-04	8.52E-02	3.81E-03	8.14E-02	4.59E-10	0.00E+00	3.78E-01	7.28E-07	3.10E-04	8.20E-04	0.00E+00	1.26E-03	3.54E-10	3.21E-09	4.20E-03	1.52E-01	0.00E+00	0.00E+00	4.06E-01	1.51E-04	8.98E-01	0.00E+00	7.34E-09	3.55E-09	2.36E-04	7.27E-08	7.25E-02	0.00E+00	8.98E-01	2.75E-07	8.98E-01	9.71E-01	7.25E-02	0.00E+00	0.00E+00	0.00E+00	1.44E+01
	WNA023	6.22E-04	8.52E-02	3.81E-03	8.14E-02	4.59E-10	0.00E+00	3.78E-01	7.28E-07	3.10E-04	8.20E-04	0.00E+00	1.26E-03	3.54E-10	3.21E-09	4.20E-03	1.52E-01	0.00E+00	0.00E+00	4.06E-01	1.51E-04	8.98E-01	0.00E+00	7.34E-09	3.55E-09	2.36E-04	7.27E-08	7.25E-02	0.00E+00	8.98E-01	2.75E-07	8.98E-01	9.71E-01	7.25E-02	0.00E+00	0.00E+00	0.00E+00	1.44E+01
	WNA025B	6.38E-04	8.77E-02	3.59E-03	8.41E-02	4.69E-10	0.00E+00	3.83E-01	7.67E-07	3.12E-04	8.48E-04	0.00E+00	1.12E-03	3.53E-10	3.23E-09	4.28E-03	1.57E-01	0.00E+00	0.00E+00	4.19E-01	1.33E-04	9.41E-01	0.00E+00	7.69E-09	3.72E-09	2.46E-04	6.54E-08	7.46E-02	0.00E+00	9.41E-01	2.99E-07	9.41E-01	1.02E+00	7.46E-02	0.00E+00	0.00E+00	0.00E+00	1.49E+01
	WNA025	6.38E-04	8.78E-02	3.60E-03	8.42E-02	4.70E-10	0.00E+00	3.84E-01	7.68E-07	3.12E-04	8.49E-04	0.00E+00	1.12E-03	3.53E-10	3.23E-09	4.29E-03	1.57E-01	0.00E+00	0.00E+00	4.19E-01	1.33E-04	9.42E-01	0.00E+00	7.70E-09	3.73E-09	2.46E-04	6.54E-08	7.47E-02	0.00E+00	9.42E-01	2.99E-07	9.42E-01	1.02E+00	7.47E-02	0.00E+00	0.00E+00	0.00E+00	1.49E+01
	WNA032	4.20E-04	8.31E-02	2.72E-03	8.04E-02	6.27E-10	0.00E+00	4.71E-01	1.08E-06	9.54E-05	9.07E-04	0.00E+00	1.39E-04	1.00E-10	1.21E-09	6.22E-03	1.69E-01	0.00E+00	0.00E+00	5.11E-01	5.65E-05	1.31E+00	0.00E+00	1.06E-08	4.42E-09	2.59E-04	3.79E-08	9.14E-02	0.00E+00	1.31E+00	4.39E-07	1.31E+00	1.40E+00	9.14E-02	0.00E+00	0.00E+00	0.00E+00	1.70E+01
	WNA033	7.23E-04	1.01E-01	3.31E-03	9.74E-02	6.23E-10	0.00E+00	5.29E-01	1.45E-06	2.54E-04	1.09E-03	0.00E+00	2.77E-04	1.16E-10	2.89E-09	6.10E-03	2.17E-01	0.00E+00	0.00E+00	6.15E-01	7.43E-05	1.56E+00	0.00E+00	1.24E-08	5.89E-09	3.34E-04	4.50E-08	1.07E-01	0.00E+00	1.56E+00	6.32E-07	1.56E+00	1.67E+00	1.07E-01	0.00E+00	0.00E+00	0.00E+00	2.21E+01
	WNA035	3.68E-04	7.26E-02	2.30E-03	7.03E-02	4.91E-10	0.00E+00	4.78E-01	1.21E-06	6.85E-05	7.72E-04	0.00E+00	6.04E-05	9.41E-11	1.07E-09	4.84E-03	1.51E-01	0.00E+00	0.00E+00	4.96E-01	3.79E-05	1.14E+00	0.00E+00	8.96E-09	4.05E-09	2.26E-04	2.70E-08	8.43E-02	0.00E+00	1.14E+00	4.36E-07	1.14E+00	1.23E+00	8.43E-02	0.00E+00	0.00E+00	0.00E+00	1.76E+01
	WNA036	3.68E-04	7.26E-02	2.30E-03	7.03E-02	4.91E-10	0.00E+00	4.78E-01	1.21E-06	6.85E-05	7.72E-04	0.00E+00	6.04E-05	9.41E-11	1.07E-09	4.84E-03	1.51E-01	0.00E+00	0.00E+00	4.96E-01	3.79E-05	1.14E+00	0.00E+00	8.96E-09	4.05E-09	2.26E-04	2.70E-08	8.43E-02	0.00E+00	1.14E+00	4.36E-07	1.14E+00	1.23E+00	8.43E-02	0.00E+00	0.00E+00	0.00E+00	1.76E+01
	WNA037B	3.70E-04	7.32E-02	2.31E-03	7.09E-02	4.96E-10	0.00E+00	4.80E-01	1.21E-06	6.91E-05	7.79E-04	0.00E+00	6.04E-05	9.44E-11	1.08E-09	4.89E-03	1.52E-01	0.00E+00	0.00E+00	4.98E-01	3.82E-05	1.15E+00	0.00E+00	9.04E-09	4.08E-09	2.28E-04	2.73E-08	8.48E-02	0.00E+00	1.15E+00	4.38E-07	1.15E+00	1.24E+00	8.48E-02	0.00E+00	0.00E+00	0.00E+00	1.76E+01
	WNA037	3.68E-04	7.26E-02	2.30E-03	7.03E-02	4.91E-10	0.00E+00	4.78E-01	1.21E-06	6.85E-05	7.72E-04	0.00E+00	6.04E-05	9.41E-11	1.07E-09	4.84E-03	1.51E-01	0.00E+00	0.00E+00	4.96E-01	3.79E-05	1.14E+00	0.00E+00	8.96E-09	4.05E-09	2.26E-04	2.70E-08	8.43E-02	0.00E+00	1.14E+00	4.36E-07	1.14E+00	1.23E+00	8.43E-02	0.00E+00	0.00E+00	0.00E+00	1.76E+01
	WNA040B	6.14E-04	8.96E-02	3.64E-03	8.59E-02	4.94E-10	0.00E+00	3.60E-01	7.19E-07	2.93E-04	8.70E-04	0.00E+00	8.12E-04	1.01E-10	3.19E-09	4.41E-03	1.55E-01	0.00E+00	0.00E+00	4.11E-01	1.37E-04	9.40E-01	0.00E+00	7.87E-09	3.71E-09	2.47E-04	6.74E-08	7.39E-02	0.00E+00	9.40E-01	2.79E-07	9.40E-01	1.01E+00	7.39E-02	0.00E+00	0.00E+00	0.00E+00	1.45E+01
	WNA040	6.13E-04	8.94E-02	3.64E-03	8.58E-02	4.93E-10	0.00E+00	3.59E-01	7.19E-07	2.93E-04	8.68E-04	0.00E+00	8.12E-04	1.01E-10	3.18E-09	4.40E-03	1.55E-01	0.00E+00	0.00E+00	4.11E-01	1.37E-04	9.38E-01	0.00E+00	7.85E-09	3.70E-09	2.47E-04	6.74E-08	7.38E-02	0.00E+00	9.38E-01	2.78E-07	9.38E-01	1.01E+00	7.38E-02	0.00E+00	0.00E+00	0.00E+00	1.44E+01
	WNA041B	6.18E-04	9.36E-02	5.31E-03	8.83E-02	5.20E-10	0.00E+00	4.35E-01	7.33E-07	2.94E-04	8.86E-04	0.00E+00	2.36E-03	5.92E-10	3.25E-09	4.71E-03	1.54E-01	0.00E+00	0.00E+00	4.10E-01	2.60E-04	9.51E-01	0.00E+00	7.85E-09	3.73E-09	2.50E-04	1.18E-07	7.51E-02	0.00E+00	9.51E-01	2.77E-07	9.51E-01	1.03E+00	7.51E-02	0.00E+00	0.00E+00	0.00E+00	1.44E+01
	WNA041	6.18E-04	9.34E-02	5.31E-03	8.81E-02	5.19E-10	0.00E+00	4.34E-01	7.33E-07	2.94E-04	8.84E-04	0.00E+00	2.36E-03	5.91E-10	3.25E-09	4.70E-03	1.54E-01	0.00E+00	0.00E+00	4.09E-01	2.59E-04	9.49E-01	0.00E+00	7.83E-09	3.72E-09	2.50E-04	1.18E-07	7.49E-02	0.00E+00	9.49E-01	2.77E-07	9.49E-01	1.02E+00	7.49E-02	0.00E+00	0.00E+00	0.00E+00	1.44E+01
	WNA044B	6.15E-04	8.98E-02	3.65E-03	8.62E-02	4.96E-10	0.00E+00	3.64E-01	7.27E-07	2.93E-04	8.72E-04	0.00E+00	8.12E-04	1.02E-10	3.19E-09	4.43E-03	1.55E-01	0.00E+00	0.00E+00	4.14E-01	1.37E-04	9.44E-01	0.00E+00	7.90E-09	3.72E-09	2.48E-04	6.75E-08	7.44E-02	0.00E+00	9.44E-01	2.79E-07	9.44E-01	1.02E+00	7.44E-02	0.00E+00	0.00E+00	0.00E+00	1.45E+01
	WNA044	6.15E-04	8.97E-02	3.65E-03	8.60E-02	4.95E-10	0.00E+00	3.63E-01	7.26E-07	2.93E-04	8.70E-04	0.00E+00	8.12E-04	1.02E-10	3.19E-09	4.42E-03	1.55E-01	0.00E+00	0.00E+00	4.13E-01	1.37E-04	9.42E-01	0.00E+00	7.88E-09	3.72E-09	2.48E-04	6.75E-08	7.42E-02	0.00E+00	9.42E-01	2.79E-07	9.42E-01	1.02E+00	7.42E-02	0.00E+00	0.00E+00	0.00E+00	1.45E+01
	WNA045B	6.20E-04	9.38E-02	5.32E-03	8.85E-02	5.22E-10	0.00E+00	4.38E-01	7.41E-07	2.94E-04	8.88E-04	0.00E+00	2.36E-03	5.92E-10	3.26E-09	4.73E-03	1.55E-01	0.00E+00	0.00E+00	4.12E-01	2.60E-04	9.55E-01	0.00E+00	7.88E-09	3.74E-09	2.51E-04	1.18E-07	7.55E-02	0.00E+00	9.55E-01	2.78E-07	9.55E-01	1.03E+00	7.55E-02	0.00E+00	0.00E+00	0.00E+00	1.45E+01
	WNA045	6.19E-04	9.37E-02	5.32E-03	8.83E-02	5.21E-10	0.00E+00	4.38E-01	7.40E-07	2.94E-04	8.86E-04	0.00E+00	2.36E-03	5.92E-10	3.26E-09	4.72E-03	1.55E-01	0.00E+00	0.00E+00	4.12E-01	2.60E-04	9.53E-01	0.00E+00	7.86E-09	3.74E-09	2.51E-04	1.18E-07	7.54E-02	0.00E+00	9.53E-01	2.78E-07	9.53E-01	1.03E+00	7.54E-02	0.00E+00	0.00E+00	0.00E+00	1.45E+01
	WNC001B	6.30E-04	1.27E-01	9.09E-03	1.18E-01	9.10E-10	0.00E+00	4.53E-01	7.01E-07	2.22E-04	1.31E-03	0.00E+00	3.48E-03	1.09E-10	2.08E-09	8.87E-03	1.99E-01	0.00E+00	0.00E+00	4.86E-01	5.11E-04	1.55E+00	0.00E+00	1.30E-08	5.24E-09	3.55E-04	2.30E-07	9.98E-02	0.00E+00	1.55E+00	4.30E-07	1.55E+00	1.65E+00	9.98E-02	0.00E+00	0.00E+00	0.00E+00	1.47E+01
	WNC001EC	6.32E-04	1.28E-01	9.44E-03	1.18E-01	9.16E-10	0.00E+00	4.59E-01	7.02E-07	2.22E-04	1.31E-03	0.00E+00	3.67E-03	1.09E-10	2.08E-09	8.95E-03	1.99E-01	0.00E+00	0.00E+00	4.86E-01	5.37E-04	1.55E+00	0.00E+00	1.30E-08	5.25E-09	3.57E-04	2.41E-07	1.00E-01	0.00E+00	1.55E+00	4.31E-07	1.55E+00	1.65E+00	1.00E-01	0.00E+00	0.00E+00	0.00E+00	1.47E+01
	WNC002EC	7.27E-04	1.33E-01	1.05E-02	1.23E-01	9.46E-10	0.00E+00	5.35E-01	7.78E-07	2.88E-04	1.35E-03	0.00E+00	4.44E-03	3.62E-10	2.82E-09	9.28E-03	2.14E-01	0.00E+00	0.00E+00	5.21E-01	6.00E-04	1.60E+00	0.00E+00	1.33E-08	5.48E-09	3.72E-04	2.67E-07	1.07E-01	0.00E+00	1.60E+00	4.32E-07	1.60E+00	1.71E+00	1.07E-01	0.00E+00	0.00E+00	0.00E+00	1.60E+01
	WNC002	7.21E-04	1.32E-01	1.05E-02	1.21E-01	9.32E-10	0.00E+00	5.32E-01	7.73E-07	2.87E-04	1.34E-03	0.00E+00	4.44E-03	3.61E-10	2.81E-09	9.14E-03	2.12E-01	0.00E+00	0.00E+00	5.16E-01	5.99E-04	1.58E+00	0.00E+00	1.31E-08	5.41E-09	3.67E-04	2.67E-07	1.06E-01	0.00E+00	1.58E+00	4.27E-07	1.58E+00	1.68E+00	1.06E-01	0.00E+00	0.00E+00	0.00E+00	1.59E+01
	WNC003	1.00E-03	1.29E-01	9.94E-03	1.19E-01	0.00E+00	0.00E+00	3.81E-01	6.23E-07	3.02E-04	1.27E-03	0.00E+00	-4.21E-04	4.42E-10	2.91E-09	7.47E-03	2.04E-01	0.00E+00	0.00E+00	4.19E-01	1.18E-02	1.45E+00	0.00E+00	1.27E-08	5.00E-09	3.53E-04	3.00E-07	8.75E-02	0.00E+00	1.45E+00	2.78E-07	1.45E+00	1.54E+00	8.75E-02	0.00E+00	0.00E+00	0.00E+00	1.18E+01
	WNC020B	6.27E-04	1.26E-01	9.06E-03	1.17E-01	8.98E-10	0.00E+00	4.48E-01	6.97E-07	2.23E-04	1.29E-03	0.00E+00	3.48E-03	1.08E-10	2.02E-09	8.79E-03	1.97E-01	0.00E+00	0.00E+00	4.83E-01	5.11E-04	1.53E+00	0.00E+00	1.28E-08	5.17E-09	3.52E-04	2.30E-07	9.90E-02	0.00E+00	1.53E+00	4.28E-07	1.53E+00	1.63E+00	9.90E-02	0.00E+00	0.00E+00	0.00E+00	1.46E+01
	WNC020EC	6.28E-04	1.26E-01	9.42E-03	1.17E-01	9.04E-10	0.00E+00	4.53E-01	6.97E-07	2.23E-04	1.30E-03	0.00E+00	3.67E-03	1.08E-10	2.02E-09	8.88E-03	1.97E-01	0.00E+00	0.00E+00	4.83E-01	5.37E-04	1.54E+00	0.00E+00	1.28E-08	5.19E-09	3.53E-04	2.40E-07	9.95E-02	0.00E+00	1.54E+00	4.29E-07	1.54E+00	1.64E+00	9.95E-02	0.00E+00	0.00E+00	0.00E+00	1.46E+01
	WNC020	6.25E-04	1.25E-01	8.04E-03	1.17E-01	0.00E+00	0.00E+00	3.47E-01	7.02E-07	2.33E-04	1.26E-03	0.00E+00	-6.59E-04	1.08E-10	2.15E-09	7.45E-03	1.98E-01	0.00E+00	0.00E+00	4.86E-01	8.70E-03	1.46E+00	0.00E+00	1.26E-08	5.04E-09	3.46E-04	2.25E-07	9.30E-02	0.00E+00	1.46E+00	3.47E-07	1.46E+00	1.55E+00	9.30E-02	0.00E+00	0.00E+00	0.00E+00	1.48E+01
	WNC021B	7.27E-04	1.33E-01	1.02E-02	1.23E-01	9.42E-10	0.00E+00	5.32E-01	7.81E-07	2.88E-04	1.35E-03	0.00E+00	4.25E-03	3.62E-10	2.82E-09	9.22E-03	2.15E-01	0.00E+00	0.00E+00	5.23E-01	5.74E-04	1.60E+00	0.00E+00	1.34E-08	5.48E-09	3.71E-04	2.57E-07	1.07E-01	0.00E+00	1.60E+00	4.33E-07	1.60E+00	1.71E+00	1.07E-01	0.00E+00	0.00E+00	0.00E+00	1.61E+01
	WNC021	7.26E-04	1.33E-01	1.05E-02	1.23E-01	9.44E-10	0.00E+00	5.37E-01	7.80E-07	2.88E-04	1.35E-03	0.00E+00	4.44E-03	3.62E-10	2.82E-09	9.26E-03	2.14E-01	0.00E+00	0.00E+00	5.22E-01	6.00E-04	1.60E+00	0.00E+00	1.33E-08	5.47E-09	3.71E-04	2.67E-07	1.07E-01	0.00E+00	1.60E+00	4.32E-07	1.60E+00	1.70E+00	1.07E-01	0.00E+00	0.00E+00	0.00E+00	1.60E+01
	WNC022	6.25E-04	1.26E-01	9.41E-03	1.17E-01	9.01E-10	0.00E+00	4.57E-01	7.01E-07	2.20E-04	1.29E-03	0.00E+00	3.67E-03	1.09E-10	2.08E-09	8.81E-03	1.96E-01	0.00E+00	0.00E+00	4.82E-01	5.36E-04	1.53E+00	0.00E+00	1.28E-08	5.18E-09	3.52E-04	2.40E-07	9.90E-02	0.00E+00	1.53E+00	4.25E-07	1.53E+00	1.63E+00	9.90E-02	0.00E+00	0.00E+00	0.00E+00	1.46E+01
	WNC023	8.20E-04	1.35E-01	1.01E-02	1.25E-01	9.38E-10	0.00E+00	5.64E-01	8.54E-07	3.57E-04	1.37E-03	0.00E+00	4.14E-03	3.78E-10	3.49E-09	9.20E-03	2.29E-01	0.00E+00	0.00E+00	5.55E-01	5.58E-04	1.62E+00	0.00E+00	1.35E-08	5.64E-09	3.82E-04	2.50E-07	1.12E-01	0.00E+00	1.62E+00	4.36E-07	1.62E+00	1.73E+00	1.12E-01	0.00E+00	0.00E+00	0.00E+00	1.74E+01
	WNC025	8.36E-04	1.38E-01	9.91E-03	1.28E-01	9.49E-10	0.00E+00	5.69E-01	8.93E-07	3.60E-04	1.40E-03	0.00E+00	4.00E-03	3.77E-10	3.51E-09	9.29E-03	2.34E-01	0.00E+00	0.00E+00	5.68E-01	5.40E-04	1.66E+00	0.00E+00	1.38E-08	5.82E-09	3.91E-04	2.43E-07	1.14E-01	0.00E+00	1.66E+00	4.60E-07	1.66E+00	1.78E+00	1.14E-01	0.00E+00	0.00E+00	0.00E+00	1.79E+01
	WNC032	6.18E-04	1.33E-01	9.03E-03	1.24E-01	1.11E-09	0.00E+00	6.56E-01	1.21E-06	1.43E-04	1.46E-03	0.00E+00	3.02E-03	1.24E-10	1.49E-09	1.12E-02	2.46E-01	0.00E+00	0.00E+00	6.60E-01	4.63E-04	2.03E+00	0.00E+00	1.67E-08	6.51E-09	4.05E-04	2.15E-07	1.31E-01	0.00E+00	2.03E+00	6.01E-07	2.03E+00	2.16E+00	1.31E-01	0.00E+00	0.00E+00	0.00E+00	1.99E+01
	WNC033	9.21E-04	1.51E-01	9.62E-03	1.41E-01	1.10E-09	0.00E+00	7.14E-01	1.57E-06	3.01E-04	1.64E-03	0.00E+00	3.16E-03	1.41E-10	3.17E-09	1.11E-02	2.94E-01	0.00E+00	0.00E+00	7.64E-01	4.81E-04	2.28E+00	0.00E+00	1.85E-08	7.98E-09	4.79E-04	2.22E-07	1.47E-01	0.00E+00	2.28E+00	7.94E-07	2.28E+00	2.43E+00	1.47E-01	0.00E+00	0.00E+00	0.00E+00	2.51E+01
	WNC035	5.66E-04	1.23E-01	8.61E-03	1.14E-01	9.70E-10	0.00E+00	6.64E-01	1.33E-06	1.16E-04	1.32E-03	0.00E+00	2.94E-03	1.18E-10	1.35E-09	9.84E-03	2.27E-01	0.00E+00	0.00E+00	6.45E-01	4.45E-04	1.86E+00	0.00E+00	1.51E-08	6.14E-09	3.72E-04	2.04E-07	1.24E-01	0.00E+00	1.86E+00	5.98E-07	1.86E+00	1.99E+00	1.24E-01	0.00E+00	0.00E+00	0.00E+00	2.06E+01
	WNC036	5.66E-04	1.23E-01	8.61E-03	1.14E-01	9.70E-10	0.00E+00	6.64E-01	1.33E-06	1.16E-04	1.32E-03	0.00E+00	2.94E-03	1.18E-10	1.35E-09	9.84E-03	2.27E-01	0.00E+00	0.00E+00	6.45E-01	4.45E-04	1.86E+00	0.00E+00	1.51E-08	6.14E-09	3.72E-04	2.04E-07	1.24E-01	0.00E+00	1.86E+00	5.98E-07	1.86E+00	1.99E+00	1.24E-01	0.00E+00	0.00E+00	0.00E+00	2.06E+01
	WNC040EC	8.19E-04	1.41E-01	9.99E-03	1.31E-01	9.89E-10	0.00E+00	5.49E-01	8.50E-07	3.42E-04	1.44E-03	0.00E+00	3.69E-03	1.26E-10	3.47E-09	9.56E-03	2.35E-01	0.00E+00	0.00E+00	5.66E-01	5.44E-04	1.69E+00	0.00E+00	1.42E-08	5.87E-09	3.98E-04	2.46E-07	1.15E-01	0.00E+00	1.69E+00	4.46E-07	1.69E+00	1.80E+00	1.15E-01	0.00E+00	0.00E+00	0.00E+00	1.76E+01
	WNC040	8.12E-04	1.39E-01	9.95E-03	1.29E-01	9.72E-10	0.00E+00	5.45E-01	8.45E-07	3.40E-04	1.42E-03	0.00E+00	3.69E-03	1.25E-10	3.46E-09	9.40E-03	2.31E-01	0.00E+00	0.00E+00	5.59E-01	5.43E-04	1.66E+00	0.00E+00	1.40E-08	5.79E-09	3.92E-04	2.45E-07	1.13E-01	0.00E+00	1.66E+00	4.39E-07	1.66E+00	1.77E+00	1.13E-01	0.00E+00	0.00E+00	0.00E+00	1.74E+01
	WNC041	8.16E-04	1.43E-01	1.16E-02	1.32E-01	9.98E-10	0.00E+00	6.20E-01	8.59E-07	3.42E-04	1.44E-03	0.00E+00	5.24E-03	6.16E-10	3.53E-09	9.70E-03	2.31E-01	0.00E+00	0.00E+00	5.58E-01	6.66E-04	1.67E+00	0.00E+00	1.39E-08	5.81E-09	3.95E-04	2.96E-07	1.14E-01	0.00E+00	1.67E+00	4.38E-07	1.67E+00	1.79E+00	1.14E-01	0.00E+00	0.00E+00	0.00E+00	1.74E+01
	WNC042B	7.75E-04	1.38E-01	9.68E-03	1.28E-01	9.59E-10	0.00E+00	5.16E-01	7.99E-07	3.18E-04	1.40E-03	0.00E+00	3.60E-03	1.20E-10	3.09E-09	9.31E-03	2.25E-01	0.00E+00	0.00E+00	5.42E-01	5.31E-04	1.64E+00	0.00E+00	1.38E-08	5.67E-09	3.87E-04	2.39E-07	1.10E-01	0.00E+00	1.64E+00	4.40E-07	1.64E+00	1.75E+00	1.10E-01	0.00E+00	0.00E+00	0.00E+00	1.67E+01
	WNC042	7.76E-04	1.38E-01	1.00E-02	1.28E-01	9.62E-10	0.00E+00	5.20E-01	7.99E-07	3.18E-04	1.41E-03	0.00E+00	3.80E-03	1.20E-10	3.09E-09	9.36E-03	2.24E-01	0.00E+00	0.00E+00	5.41E-01	5.57E-04	1.64E+00	0.00E+00	1.37E-08	5.67E-09	3.87E-04	2.50E-07	1.10E-01	0.00E+00	1.64E+00	4.40E-07	1.64E+00	1.75E+00	1.10E-01	0.00E+00	0.00E+00	0.00E+00	1.67E+01
	WNC044	8.19E-04	1.41E-01	1.00E-02	1.31E-01	9.88E-10	0.00E+00	5.52E-01	8.56E-07	3.42E-04	1.44E-03	0.00E+00	3.69E-03	1.27E-10	3.48E-09	9.55E-03	2.35E-01	0.00E+00	0.00E+00	5.67E-01	5.44E-04	1.69E+00	0.00E+00	1.42E-08	5.87E-09	3.98E-04	2.46E-07	1.15E-01	0.00E+00	1.69E+00	4.46E-07	1.69E+00	1.80E+00	1.15E-01	0.00E+00	0.00E+00	0.00E+00	1.76E+01
	WNE001B	6.28E-04	1.27E-01	6.89E-03	1.20E-01	7.26E-10	0.00E+00	4.16E-01	8.90E-07	2.15E-04	1.23E-03	0.00E+00	2.45E-03	1.01E-10	2.05E-09	6.54E-03	1.85E-01	0.00E+00	0.00E+00	4.73E-01	3.65E-04	1.38E+00	0.00E+00	1.13E-08	5.18E-09	3.43E-04	1.66E-07	9.05E-02	0.00E+00	1.38E+00	4.87E-07	1.38E+00	1.47E+00	9.05E-02	0.00E+00	0.00E+00	0.00E+00	1.62E+01
	WNE001G	6.84E-04	1.38E-01	7.79E-03	1.30E-01	7.93E-10	0.00E+00	5.57E-01	1.22E-06	2.25E-04	1.34E-03	0.00E+00	2.64E-03	1.59E-10	2.37E-09	7.30E-03	2.13E-01	0.00E+00	0.00E+00	6.30E-01	3.95E-04	1.54E+00	0.00E+00	1.23E-08	5.81E-09	3.72E-04	1.80E-07	1.12E-01	0.00E+00	1.54E+00	5.48E-07	1.54E+00	1.65E+00	1.12E-01	0.00E+00	0.00E+00	0.00E+00	2.24E+01
	WNE001	6.29E-04	1.27E-01	7.25E-03	1.20E-01	7.30E-10	0.00E+00	4.21E-01	8.88E-07	2.15E-04	1.23E-03	0.00E+00	2.64E-03	1.01E-10	2.05E-09	6.60E-03	1.85E-01	0.00E+00	0.00E+00	4.72E-01	3.91E-04	1.38E+00	0.00E+00	1.13E-08	5.18E-09	3.43E-04	1.77E-07	9.06E-02	0.00E+00	1.38E+00	4.85E-07	1.38E+00	1.47E+00	9.06E-02	0.00E+00	0.00E+00	0.00E+00	1.62E+01
	WNE023B	8.24E-04	1.36E-01	7.62E-03	1.28E-01	7.64E-10	0.00E+00	5.25E-01	1.05E-06	3.52E-04	1.31E-03	0.00E+00	2.92E-03	3.71E-10	3.46E-09	6.95E-03	2.18E-01	0.00E+00	0.00E+00	5.47E-01	3.87E-04	1.48E+00	0.00E+00	1.19E-08	5.65E-09	3.74E-04	1.76E-07	1.04E-01	0.00E+00	1.48E+00	4.98E-07	1.48E+00	1.58E+00	1.04E-01	0.00E+00	0.00E+00	0.00E+00	1.90E+01
	WNE023G	8.80E-04	1.47E-01	8.51E-03	1.38E-01	8.32E-10	0.00E+00	6.66E-01	1.37E-06	3.61E-04	1.42E-03	0.00E+00	3.11E-03	4.29E-10	3.78E-09	7.71E-03	2.45E-01	0.00E+00	0.00E+00	7.05E-01	4.16E-04	1.64E+00	0.00E+00	1.30E-08	6.27E-09	4.03E-04	1.90E-07	1.26E-01	0.00E+00	1.64E+00	5.60E-07	1.64E+00	1.76E+00	1.26E-01	0.00E+00	0.00E+00	0.00E+00	2.52E+01
	WNE023	8.24E-04	1.36E-01	7.97E-03	1.28E-01	7.68E-10	0.00E+00	5.30E-01	1.04E-06	3.52E-04	1.32E-03	0.00E+00	3.11E-03	3.71E-10	3.47E-09	7.01E-03	2.18E-01	0.00E+00	0.00E+00	5.47E-01	4.12E-04	1.48E+00	0.00E+00	1.19E-08	5.65E-09	3.74E-04	1.87E-07	1.04E-01	0.00E+00	1.48E+00	4.97E-07	1.48E+00	1.58E+00	1.04E-01	0.00E+00	0.00E+00	0.00E+00	1.90E+01
	WNE025B	8.40E-04	1.38E-01	7.40E-03	1.31E-01	7.74E-10	0.00E+00	5.30E-01	1.09E-06	3.55E-04	1.34E-03	0.00E+00	2.77E-03	3.70E-10	3.48E-09	7.03E-03	2.23E-01	0.00E+00	0.00E+00	5.60E-01	3.68E-04	1.52E+00	0.00E+00	1.23E-08	5.82E-09	3.83E-04	1.69E-07	1.06E-01	0.00E+00	1.52E+00	5.22E-07	1.52E+00	1.62E+00	1.06E-01	0.00E+00	0.00E+00	0.00E+00	1.95E+01
	WNE025G	8.95E-04	1.49E-01	8.29E-03	1.41E-01	8.42E-10	0.00E+00	6.71E-01	1.41E-06	3.64E-04	1.45E-03	0.00E+00	2.96E-03	4.28E-10	3.80E-09	7.80E-03	2.51E-01	0.00E+00	0.00E+00	7.18E-01	3.98E-04	1.68E+00	0.00E+00	1.34E-08	6.45E-09	4.12E-04	1.82E-07	1.28E-01	0.00E+00	1.68E+00	5.84E-07	1.68E+00	1.81E+00	1.28E-01	0.00E+00	0.00E+00	0.00E+00	2.57E+01
	WNE025	8.40E-04	1.39E-01	7.75E-03	1.31E-01	7.79E-10	0.00E+00	5.35E-01	1.08E-06	3.55E-04	1.34E-03	0.00E+00	2.96E-03	3.70E-10	3.48E-09	7.10E-03	2.23E-01	0.00E+00	0.00E+00	5.60E-01	3.94E-04	1.52E+00	0.00E+00	1.23E-08	5.83E-09	3.83E-04	1.79E-07	1.06E-01	0.00E+00	1.52E+00	5.21E-07	1.52E+00	1.63E+00	1.06E-01	0.00E+00	0.00E+00	0.00E+00	1.95E+01
	WNE040B	8.16E-04	1.40E-01	7.45E-03	1.33E-01	7.99E-10	0.00E+00	5.06E-01	1.04E-06	3.36E-04	1.36E-03	0.00E+00	2.47E-03	1.18E-10	3.44E-09	7.16E-03	2.21E-01	0.00E+00	0.00E+00	5.52E-01	3.72E-04	1.52E+00	0.00E+00	1.25E-08	5.81E-09	3.85E-04	1.71E-07	1.05E-01	0.00E+00	1.52E+00	5.02E-07	1.52E+00	1.62E+00	1.05E-01	0.00E+00	0.00E+00	0.00E+00	1.91E+01
	WNE040G	8.71E-04	1.51E-01	8.33E-03	1.43E-01	8.65E-10	0.00E+00	6.47E-01	1.36E-06	3.45E-04	1.46E-03	0.00E+00	2.66E-03	1.76E-10	3.76E-09	7.91E-03	2.48E-01	0.00E+00	0.00E+00	7.09E-01	4.02E-04	1.68E+00	0.00E+00	1.35E-08	6.43E-09	4.13E-04	1.84E-07	1.27E-01	0.00E+00	1.68E+00	5.63E-07	1.68E+00	1.80E+00	1.27E-01	0.00E+00	0.00E+00	0.00E+00	2.53E+01
	WNE040	8.15E-04	1.40E-01	7.79E-03	1.32E-01	8.02E-10	0.00E+00	5.11E-01	1.04E-06	3.36E-04	1.36E-03	0.00E+00	2.66E-03	1.18E-10	3.44E-09	7.21E-03	2.20E-01	0.00E+00	0.00E+00	5.51E-01	3.98E-04	1.52E+00	0.00E+00	1.24E-08	5.80E-09	3.85E-04	1.81E-07	1.05E-01	0.00E+00	1.52E+00	5.00E-07	1.52E+00	1.62E+00	1.05E-01	0.00E+00	0.00E+00	0.00E+00	1.90E+01
	WNC025B	8.41E-04	1.39E-01	9.59E-03	1.29E-01	9.58E-10	0.00E+00	5.67E-01	8.97E-07	3.61E-04	1.41E-03	0.00E+00	3.80E-03	3.78E-10	3.51E-09	9.35E-03	2.37E-01	0.00E+00	0.00E+00	5.73E-01	5.15E-04	1.68E+00	0.00E+00	1.40E-08	5.88E-09	3.95E-04	2.33E-07	1.15E-01	0.00E+00	1.68E+00	4.66E-07	1.68E+00	1.80E+00	1.15E-01	0.00E+00	0.00E+00	0.00E+00	1.80E+01
	WNE001BG	6.84E-04	1.38E-01	7.43E-03	1.30E-01	7.89E-10	0.00E+00	5.53E-01	1.22E-06	2.25E-04	1.33E-03	0.00E+00	2.45E-03	1.59E-10	2.37E-09	7.24E-03	2.13E-01	0.00E+00	0.00E+00	6.31E-01	3.69E-04	1.54E+00	0.00E+00	1.24E-08	5.81E-09	3.72E-04	1.69E-07	1.12E-01	0.00E+00	1.54E+00	5.49E-07	1.54E+00	1.65E+00	1.12E-01	0.00E+00	0.00E+00	0.00E+00	2.24E+01
	WNE023BG	8.79E-04	1.47E-01	8.16E-03	1.38E-01	8.27E-10	0.00E+00	6.62E-01	1.38E-06	3.61E-04	1.41E-03	0.00E+00	2.92E-03	4.29E-10	3.78E-09	7.65E-03	2.46E-01	0.00E+00	0.00E+00	7.06E-01	3.91E-04	1.64E+00	0.00E+00	1.30E-08	6.28E-09	4.02E-04	1.79E-07	1.25E-01	0.00E+00	1.64E+00	5.61E-07	1.64E+00	1.76E+00	1.25E-01	0.00E+00	0.00E+00	0.00E+00	2.52E+01
	WNE025BG	8.95E-04	1.49E-01	7.94E-03	1.41E-01	8.37E-10	0.00E+00	6.66E-01	1.41E-06	3.64E-04	1.44E-03	0.00E+00	2.77E-03	4.28E-10	3.80E-09	7.73E-03	2.51E-01	0.00E+00	0.00E+00	7.18E-01	3.72E-04	1.68E+00	0.00E+00	1.34E-08	6.45E-09	4.12E-04	1.72E-07	1.27E-01	0.00E+00	1.68E+00	5.85E-07	1.68E+00	1.81E+00	1.27E-01	0.00E+00	0.00E+00	0.00E+00	2.57E+01
	WNE040BG	8.71E-04	1.51E-01	7.99E-03	1.43E-01	8.62E-10	0.00E+00	6.43E-01	1.37E-06	3.45E-04	1.46E-03	0.00E+00	2.47E-03	1.76E-10	3.76E-09	7.86E-03	2.49E-01	0.00E+00	0.00E+00	7.10E-01	3.76E-04	1.68E+00	0.00E+00	1.36E-08	6.43E-09	4.14E-04	1.74E-07	1.27E-01	0.00E+00	1.68E+00	5.65E-07	1.68E+00	1.80E+00	1.27E-01	0.00E+00	0.00E+00	0.00E+00	2.53E+01
	WNA300B	5.42E-04	8.60E-02	3.62E-03	8.24E-02	4.72E-10	0.00E+00	3.22E-01	6.49E-07	2.46E-04	8.32E-04	0.00E+00	9.19E-04	9.35E-11	2.61E-09	4.22E-03	1.41E-01	0.00E+00	0.00E+00	3.77E-01	1.49E-04	8.91E-01	0.00E+00	7.43E-09	3.48E-09	2.34E-04	7.21E-08	6.80E-02	0.00E+00	8.91E-01	2.73E-07	8.91E-01	9.59E-01	6.80E-02	0.00E+00	0.00E+00	0.00E+00	1.32E+01
	WNA300	5.42E-04	8.58E-02	3.62E-03	8.22E-02	4.70E-10	0.00E+00	3.21E-01	6.49E-07	2.46E-04	8.30E-04	0.00E+00	9.19E-04	9.34E-11	2.61E-09	4.21E-03	1.40E-01	0.00E+00	0.00E+00	3.77E-01	1.49E-04	8.88E-01	0.00E+00	7.41E-09	3.47E-09	2.34E-04	7.20E-08	6.79E-02	0.00E+00	8.88E-01	2.73E-07	8.88E-01	9.56E-01	6.79E-02	0.00E+00	0.00E+00	0.00E+00	1.32E+01
Module D	WNC001	-2.00E-03	-1.33E-01	-3.80E-03	-1.29E-01	0.00E+00	0.00E+00	-1.10E+00	-1.67E-04	-1.45E-04	-1.74E-03	0.00E+00	-1.00E-15	-3.88E-10	-2.00E-08	-1.55E+00	-1.88E+00	0.00E+00	0.00E+00	-5.83E-01	-1.00E-15	-3.96E+00	0.00E+00	-3.85E-09	-8.15E-09	-5.99E-04	0.00E+00	-3.44E-01	0.00E+00	-3.96E+00	-6.24E-06	-3.96E+00	-4.30E+00	-3.44E-01	0.00E+00	0.00E+00	0.00E+00	-2.45E+01
	WNA001B	-1.83E-03	-7.50E-02	-1.74E-03	-7.32E-02	0.00E+00	0.00E+00	-6.47E-01	-1.65E-04	-1.07E-04	-1.32E-03	0.00E+00	0.00E+00	-3.80E-10	-1.97E-08	-4.59E-01	-1.86E+00	0.00E+00	0.00E+00	-5.73E-01	0.00E+00	-1.40E+00	0.00E+00	-2.30E-09	-5.93E-09	-4.11E-04	0.00E+00	-3.16E-01	0.00E+00	-1.40E+00	-6.23E-06	-1.40E+00	-1.71E+00	-3.16E-01	0.00E+00	0.00E+00	0.00E+00	-2.43E+01
	WNA001	-1.83E-03	-7.50E-02	-1.74E-03	-7.32E-02	0.00E+00	0.00E+00	-6.47E-01	-1.65E-04	-1.07E-04	-1.32E-03	0.00E+00	0.00E+00	-3.80E-10	-1.97E-08	-4.59E-01	-1.86E+00	0.00E+00	0.00E+00	-5.73E-01	0.00E+00	-1.40E+00	0.00E+00	-2.30E-09	-5.93E-09	-4.11E-04	0.00E+00	-3.16E-01	0.00E+00	-1.40E+00	-6.23E-06	-1.40E+00	-1.71E+00	-3.16E-01	0.00E+00	0.00E+00	0.00E+00	-2.43E+01
	WNA002B	-2.81E-03	-8.27E-02	-1.95E-03	-8.08E-02	0.00E+00	0.00E+00	-8.89E-01	-2.64E-04	-1.50E-04	-1.88E-03	0.00E+00	0.00E+00	-5.07E-10	-3.12E-08	-4.56E-01	-1.95E+00	0.00E+00	0.00E+00	-7.65E-01	0.00E+00	-1.48E+00	0.00E+00	-2.74E-09	-7.81E-09	-5.72E-04	0.00E+00	-3.36E-01	0.00E+00	-1.48E+00	-9.07E-06	-1.48E+00	-1.81E+00	-3.36E-01	0.00E+00	0.00E+00	0.00E+00	-3.25E+01
	WNA002	-2.81E-03	-8.27E-02	-1.95E-03	-8.08E-02	0.00E+00	0.00E+00	-8.89E-01	-2.64E-04	-1.50E-04	-1.88E-03	0.00E+00	0.00E+00	-5.07E-10	-3.12E-08	-4.56E-01	-1.95E+00	0.00E+00	0.00E+00	-7.65E-01	0.00E+00	-1.48E+00	0.00E+00	-2.74E-09	-7.81E-09	-5.72E-04	0.00E+00	-3.36E-01	0.00E+00	-1.48E+00	-9.07E-06	-1.48E+00	-1.81E+00	-3.36E-01	0.00E+00	0.00E+00	0.00E+00	-3.25E+01
	WNA003B	-2.81E-03	-8.27E-02	-1.95E-03	-8.08E-02	0.00E+00	0.00E+00	-8.89E-01	-2.64E-04	-1.50E-04	-1.88E-03	0.00E+00	0.00E+00	-5.07E-10	-3.12E-08	-4.56E-01	-1.95E+00	0.00E+00	0.00E+00	-7.65E-01	0.00E+00	-1.48E+00	0.00E+00	-2.74E-09	-7.81E-09	-5.72E-04	0.00E+00	-3.36E-01	0.00E+00	-1.48E+00	-9.07E-06	-1.48E+00	-1.81E+00	-3.36E-01	0.00E+00	0.00E+00	0.00E+00	-3.25E+01
	WNA003	-2.81E-03	-8.27E-02	-1.95E-03	-8.08E-02	0.00E+00	0.00E+00	-8.89E-01	-2.64E-04	-1.50E-04	-1.88E-03	0.00E+00	0.00E+00	-5.07E-10	-3.12E-08	-4.56E-01	-1.95E+00	0.00E+00	0.00E+00	-7.65E-01	0.00E+00	-1.48E+00	0.00E+00	-2.74E-09	-7.81E-09	-5.72E-04	0.00E+00	-3.36E-01	0.00E+00	-1.48E+00	-9.07E-06	-1.48E+00	-1.81E+00	-3.36E-01	0.00E+00	0.00E+00	0.00E+00	-3.25E+01
	WNA006B	-2.82E-03	-8.69E-02	-1.95E-03	-8.50E-02	0.00E+00	0.00E+00	-8.88E-01	-2.64E-04	-1.51E-04	-1.89E-03	0.00E+00	0.00E+00	-5.08E-10	-3.12E-08	-4.49E-01	-2.26E+00	0.00E+00	0.00E+00	-7.68E-01	0.00E+00	-1.47E+00	0.00E+00	-2.80E-09	-7.97E-09	-5.74E-04	0.00E+00	-3.81E-01	0.00E+00	-1.47E+00	-9.07E-06	-1.47E+00	-1.85E+00	-3.81E-01	0.00E+00	0.00E+00	0.00E+00	-3.26E+01
	WNA006	-2.82E-03	-8.70E-02	-1.95E-03	-8.51E-02	0.00E+00	0.00E+00	-8.89E-01	-2.64E-04	-1.51E-04	-1.89E-03	0.00E+00	0.00E+00	-5.08E-10	-3.12E-08	-4.51E-01	-2.26E+00	0.00E+00	0.00E+00	-7.68E-01	0.00E+00	-1.47E+00	0.00E+00	-2.80E-09	-7.97E-09	-5.74E-04	0.00E+00	-3.81E-01	0.00E+00	-1.47E+00	-9.07E-06	-1.47E+00	-1.85E+00	-3.81E-01	0.00E+00	0.00E+00	0.00E+00	-3.26E+01
	WNA007	-3.64E-03	-8.91E-02	-2.12E-03	-8.70E-02	0.00E+00	0.00E+00	-1.09E+00	-3.47E-04	-1.87E-04	-2.35E-03	0.00E+00	0.00E+00	-6.13E-10	-4.09E-08	-4.57E-01	-2.03E+00	0.00E+00	0.00E+00	-9.26E-01	0.00E+00	-1.55E+00	0.00E+00	-3.11E-09	-9.38E-09	-7.06E-04	0.00E+00	-3.53E-01	0.00E+00	-1.55E+00	-1.12E-05	-1.55E+00	-1.90E+00	-3.53E-01	0.00E+00	0.00E+00	0.00E+00	-3.94E+01
	WNA008B	-3.64E-03	-8.97E-02	-2.14E-03	-8.75E-02	0.00E+00	0.00E+00	-1.10E+00	-3.47E-04	-1.87E-04	-2.35E-03	0.00E+00	0.00E+00	-6.13E-10	-4.09E-08	-4.68E-01	-2.03E+00	0.00E+00	0.00E+00	-9.26E-01	0.00E+00	-1.57E+00	0.00E+00	-3.12E-09	-9.40E-09	-7.07E-04	0.00E+00	-3.53E-01	0.00E+00	-1.57E+00	-1.12E-05	-1.57E+00	-1.93E+00	-3.53E-01	0.00E+00	0.00E+00	0.00E+00	-3.94E+01
	WNA008	-3.64E-03	-8.94E-02	-2.13E-03	-8.72E-02	0.00E+00	0.00E+00	-1.10E+00	-3.47E-04	-1.87E-04	-2.35E-03	0.00E+00	0.00E+00	-6.13E-10	-4.09E-08	-4.62E-01	-2.03E+00	0.00E+00	0.00E+00	-9.26E-01	0.00E+00	-1.56E+00	0.00E+00	-3.11E-09	-9.39E-09	-7.06E-04	0.00E+00	-3.53E-01	0.00E+00	-1.56E+00	-1.12E-05	-1.56E+00	-1.91E+00	-3.53E-01	0.00E+00	0.00E+00	0.00E+00	-3.94E+01
	WNA010B	-3.68E-03	-9.02E-02	-2.18E-03	-8.80E-02	0.00E+00	0.00E+00	-1.10E+00	-3.48E-04	-1.90E-04	-2.39E-03	0.00E+00	0.00E+00	-6.20E-10	-4.12E-08	-4.59E-01	-1.97E+00	0.00E+00	0.00E+00	-9.34E-01	0.00E+00	-1.57E+00	0.00E+00	-3.19E-09	-9.49E-09	-7.17E-04	0.00E+00	-3.45E-01	0.00E+00	-1.57E+00	-1.27E-05	-1.57E+00	-1.91E+00	-3.45E-01	0.00E+00	0.00E+00	0.00E+00	-3.96E+01
	WNA010	-3.68E-03	-9.02E-02	-2.18E-03	-8.80E-02	0.00E+00	0.00E+00	-1.10E+00	-3.48E-04	-1.90E-04	-2.39E-03	0.00E+00	0.00E+00	-6.20E-10	-4.12E-08	-4.59E-01	-1.97E+00	0.00E+00	0.00E+00	-9.34E-01	0.00E+00	-1.57E+00	0.00E+00	-3.19E-09	-9.49E-09	-7.17E-04	0.00E+00	-3.45E-01	0.00E+00	-1.57E+00	-1.27E-05	-1.57E+00	-1.91E+00	-3.45E-01	0.00E+00	0.00E+00	0.00E+00	-3.96E+01
	WNA020B	-1.90E-03	-7.42E-02	-1.72E-03	-7.25E-02	0.00E+00	0.00E+00	-6.64E-01	-1.74E-04	-1.09E-04	-1.35E-03	0.00E+00	0.00E+00	-3.84E-10	-2.06E-08	-4.59E-01	-1.87E+00	0.00E+00	0.00E+00	-5.85E-01	0.00E+00	-1.39E+00	0.00E+00	-2.27E-09	-6.00E-09	-4.19E-04	0.00E+00	-3.16E-01	0.00E+00	-1.39E+00	-5.76E-06	-1.39E+00	-1.71E+00	-3.16E-01	0.00E+00	0.00E+00	0.00E+00	-2.48E+01
	WNA020	-1.90E-03	-7.42E-02	-1.72E-03	-7.25E-02	0.00E+00	0.00E+00	-6.64E-01	-1.74E-04	-1.09E-04	-1.35E-03	0.00E+00	0.00E+00	-3.84E-10	-2.06E-08	-4.59E-01	-1.87E+00	0.00E+00	0.00E+00	-5.85E-01	0.00E+00	-1.39E+00	0.00E+00	-2.27E-09	-6.00E-09	-4.19E-04	0.00E+00	-3.16E-01	0.00E+00	-1.39E+00	-5.76E-06	-1.39E+00	-1.71E+00	-3.16E-01	0.00E+00	0.00E+00	0.00E+00	-2.48E+01
	WNA021B	-2.82E-03	-8.30E-02	-1.95E-03	-8.10E-02	0.00E+00	0.00E+00	-8.90E-01	-2.64E-04	-1.51E-04	-1.88E-03	0.00E+00	0.00E+00	-5.09E-10	-3.12E-08	-4.56E-01	-1.95E+00	0.00E+00	0.00E+00	-7.67E-01	0.00E+00	-1.48E+00	0.00E+00	-2.75E-09	-7.83E-09	-5.73E-04	0.00E+00	-3.36E-01	0.00E+00	-1.48E+00	-9.08E-06	-1.48E+00	-1.81E+00	-3.36E-01	0.00E+00	0.00E+00	0.00E+00	-3.26E+01
	WNA021	-2.82E-03	-8.30E-02	-1.95E-03	-8.10E-02	0.00E+00	0.00E+00	-8.90E-01	-2.64E-04	-1.51E-04	-1.88E-03	0.00E+00	0.00E+00	-5.09E-10	-3.12E-08	-4.56E-01	-1.95E+00	0.00E+00	0.00E+00	-7.67E-01	0.00E+00	-1.48E+00	0.00E+00	-2.75E-09	-7.83E-09	-5.73E-04	0.00E+00	-3.36E-01	0.00E+00	-1.48E+00	-9.08E-06	-1.48E+00	-1.81E+00	-3.36E-01	0.00E+00	0.00E+00	0.00E+00	-3.26E+01

WNA022B	-1.83E-03	-7.53E-02	-1.74E-03	-7.35E-02	0.00E+00	0.00E+00	-6.48E-01	-1.65E-04	-1.07E-04	-1.32E-03	0.00E+00	0.00E+00	-3.82E-10	-1.97E-08	-4.59E-01	-1.86E+00	0.00E+00	0.00E+00	-5.75E-01	0.00E+00	-1.40E+00	0.00E+00	-2.31E-09	-5.95E-09	-4.12E-04	0.00E+00	-3.16E-01	0.00E+00	-1.40E+00	-6.23E-06	-1.40E+00	-1.72E+00	-3.16E-01	0.00E+00	0.00E+00	0.00E+00	-2.43E+01
WNA022	-1.83E-03	-7.53E-02	-1.74E-03	-7.35E-02	0.00E+00	0.00E+00	-6.48E-01	-1.65E-04	-1.07E-04	-1.32E-03	0.00E+00	0.00E+00	-3.82E-10	-1.97E-08	-4.59E-01	-1.86E+00	0.00E+00	0.00E+00	-5.75E-01	0.00E+00	-1.40E+00	0.00E+00	-2.31E-09	-5.95E-09	-4.12E-04	0.00E+00	-3.16E-01	0.00E+00	-1.40E+00	-6.23E-06	-1.40E+00	-1.72E+00	-3.16E-01	0.00E+00	0.00E+00	0.00E+00	-2.43E+01
WNA023B	-3.92E-03	-9.17E-02	-2.16E-03	-8.96E-02	0.00E+00	0.00E+00	-1.16E+00	-3.75E-04	-1.99E-04	-2.49E-03	0.00E+00	0.00E+00	-6.44E-10	-4.41E-08	-4.56E-01	-2.15E+00	0.00E+00	0.00E+00	-9.77E-01	0.00E+00	-1.56E+00	0.00E+00	-3.20E-09	-9.90E-09	-7.48E-04	0.00E+00	-3.72E-01	0.00E+00	-1.56E+00	-1.16E-05	-1.56E+00	-1.93E+00	-3.72E-01	0.00E+00	0.00E+00	0.00E+00	-4.16E+01
WNA023	-3.92E-03	-9.17E-02	-2.16E-03	-8.96E-02	0.00E+00	0.00E+00	-1.16E+00	-3.75E-04	-1.99E-04	-2.49E-03	0.00E+00	0.00E+00	-6.44E-10	-4.41E-08	-4.56E-01	-2.15E+00	0.00E+00	0.00E+00	-9.77E-01	0.00E+00	-1.56E+00	0.00E+00	-3.20E-09	-9.90E-09	-7.48E-04	0.00E+00	-3.72E-01	0.00E+00	-1.56E+00	-1.16E-05	-1.56E+00	-1.93E+00	-3.72E-01	0.00E+00	0.00E+00	0.00E+00	-4.16E+01
WNA025B	-3.92E-03	-9.60E-02	-2.15E-03	-9.38E-02	0.00E+00	0.00E+00	-1.16E+00	-3.75E-04	-2.00E-04	-2.50E-03	0.00E+00	0.00E+00	-6.46E-10	-4.41E-08	-4.50E-01	-2.46E+00	0.00E+00	0.00E+00	-9.80E-01	0.00E+00	-1.55E+00	0.00E+00	-3.26E-09	-1.01E-08	-7.50E-04	0.00E+00	-4.18E-01	0.00E+00	-1.55E+00	-1.16E-05	-1.55E+00	-1.97E+00	-4.18E-01	0.00E+00	0.00E+00	0.00E+00	-4.17E+01
WNA025	-3.92E-03	-9.61E-02	-2.16E-03	-9.39E-02	0.00E+00	0.00E+00	-1.16E+00	-3.75E-04	-2.00E-04	-2.51E-03	0.00E+00	0.00E+00	-6.46E-10	-4.41E-08	-4.52E-01	-2.46E+00	0.00E+00	0.00E+00	-9.80E-01	0.00E+00	-1.56E+00	0.00E+00	-3.26E-09	-1.01E-08	-7.50E-04	0.00E+00	-4.18E-01	0.00E+00	-1.56E+00	-1.16E-05	-1.56E+00	-1.98E+00	-4.18E-01	0.00E+00	0.00E+00	0.00E+00	-4.17E+01
WNA032	-6.68E-04	-1.32E-01	-2.67E-03	-1.29E-01	0.00E+00	0.00E+00	-6.01E-01	-3.71E-05	-9.03E-05	-1.05E-03	0.00E+00	0.00E+00	-4.95E-10	-4.41E-09	-9.33E-01	-2.53E+00	0.00E+00	0.00E+00	-5.13E-01	-1.00E-15	-2.73E+00	0.00E+00	-3.88E-09	-7.25E-09	-4.27E-04	0.00E+00	-4.29E-01	0.00E+00	-2.73E+00	-1.58E-06	-2.73E+00	-3.16E+00	-4.29E-01	0.00E+00	0.00E+00	0.00E+00	-2.14E+01
WNA033	-2.73E-03	-1.61E-01	-2.14E-03	-1.59E-01	0.00E+00	0.00E+00	-8.92E-01	-2.46E-04	-1.68E-04	-2.10E-03	0.00E+00	0.00E+00	-6.58E-10	-2.92E-08	-3.92E-01	-6.28E+00	0.00E+00	0.00E+00	-8.72E-01	0.00E+00	-1.61E+00	0.00E+00	-4.28E-09	-1.12E-08	-6.60E-04	0.00E+00	-9.74E-01	0.00E+00	-1.61E+00	-9.03E-06	-1.61E+00	-2.58E+00	-9.74E-01	0.00E+00	0.00E+00	0.00E+00	-3.67E+01
WNA035	-3.86E-04	-1.20E-01	-1.70E-03	-1.18E-01	0.00E+00	0.00E+00	-3.44E-01	-1.44E-05	-6.89E-05	-8.10E-04	0.00E+00	0.00E+00	-5.24E-10	-1.72E-09	-3.91E-01	-3.32E+00	0.00E+00	0.00E+00	-5.12E-01	0.00E+00	-1.52E+00	0.00E+00	-3.47E-09	-6.69E-09	-3.36E-04	0.00E+00	-5.34E-01	0.00E+00	-1.52E+00	-1.00E-06	-1.52E+00	-2.06E+00	-5.34E-01	0.00E+00	0.00E+00	0.00E+00	-2.14E+01
WNA036	-3.86E-04	-1.20E-01	-1.70E-03	-1.18E-01	0.00E+00	0.00E+00	-3.44E-01	-1.44E-05	-6.89E-05	-8.10E-04	0.00E+00	0.00E+00	-5.24E-10	-1.72E-09	-3.91E-01	-3.32E+00	0.00E+00	0.00E+00	-5.12E-01	0.00E+00	-1.52E+00	0.00E+00	-3.47E-09	-6.69E-09	-3.36E-04	0.00E+00	-5.34E-01	0.00E+00	-1.52E+00	-1.00E-06	-1.52E+00	-2.06E+00	-5.34E-01	0.00E+00	0.00E+00	0.00E+00	-2.14E+01
WNA037B	-3.88E-04	-1.21E-01	-1.72E-03	-1.19E-01	0.00E+00	0.00E+00	-3.50E-01	-1.44E-05	-6.94E-05	-8.15E-04	0.00E+00	0.00E+00	-5.24E-10	-1.72E-09	-4.05E-01	-3.32E+00	0.00E+00	0.00E+00	-5.12E-01	0.00E+00	-1.56E+00	0.00E+00	-3.49E-09	-6.72E-09	-3.39E-04	0.00E+00	-5.34E-01	0.00E+00	-1.56E+00	-1.00E-06	-1.56E+00	-2.09E+00	-5.34E-01	0.00E+00	0.00E+00	0.00E+00	-2.14E+01
WNA037	-3.86E-04	-1.20E-01	-1.70E-03	-1.18E-01	0.00E+00	0.00E+00	-3.44E-01	-1.44E-05	-6.89E-05	-8.10E-04	0.00E+00	0.00E+00	-5.24E-10	-1.72E-09	-3.91E-01	-3.32E+00	0.00E+00	0.00E+00	-5.12E-01	0.00E+00	-1.52E+00	0.00E+00	-3.47E-09	-6.69E-09	-3.36E-04	0.00E+00	-5.34E-01	0.00E+00	-1.52E+00	-1.00E-06	-1.52E+00	-2.06E+00	-5.34E-01	0.00E+00	0.00E+00	0.00E+00	-2.14E+01
WNA040B	-3.50E-03	-9.29E-02	-2.20E-03	-9.07E-02	0.00E+00	0.00E+00	-1.07E+00	-3.30E-04	-1.84E-04	-2.31E-03	0.00E+00	0.00E+00	-6.09E-10	-3.91E-08	-4.82E-01	-2.06E+00	0.00E+00	0.00E+00	-9.07E-01	0.00E+00	-1.62E+00	0.00E+00	-3.23E-09	-9.35E-09	-6.98E-04	0.00E+00	-3.57E-01	0.00E+00	-1.62E+00	-1.22E-05	-1.62E+00	-1.98E+00	-3.57E-01	0.00E+00	0.00E+00	0.00E+00	-3.85E+01
WNA040	-3.50E-03	-9.27E-02	-2.20E-03	-9.05E-02	0.00E+00	0.00E+00	-1.07E+00	-3.30E-04	-1.84E-04	-2.30E-03	0.00E+00	0.00E+00	-6.09E-10	-3.91E-08	-4.78E-01	-2.06E+00	0.00E+00	0.00E+00	-9.07E-01	0.00E+00	-1.61E+00	0.00E+00	-3.22E-09	-9.34E-09	-6.97E-04	0.00E+00	-3.57E-01	0.00E+00	-1.61E+00	-1.22E-05	-1.61E+00	-1.97E+00	-3.57E-01	0.00E+00	0.00E+00	0.00E+00	-3.85E+01
WNA041B	-3.50E-03	-9.24E-02	-2.19E-03	-9.02E-02	0.00E+00	0.00E+00	-1.07E+00	-3.30E-04	-1.84E-04	-2.30E-03	0.00E+00	0.00E+00	-6.09E-10	-3.91E-08	-4.72E-01	-2.06E+00	0.00E+00	0.00E+00	-9.07E-01	0.00E+00	-1.60E+00	0.00E+00	-3.21E-09	-9.33E-09	-6.96E-04	0.00E+00	-3.57E-01	0.00E+00	-1.60E+00	-1.22E-05	-1.60E+00	-1.96E+00	-3.57E-01	0.00E+00	0.00E+00	0.00E+00	-3.85E+01
WNA041	-3.50E-03	-9.22E-02	-2.18E-03	-9.00E-02	0.00E+00	0.00E+00	-1.06E+00	-3.30E-04	-1.83E-04	-2.30E-03	0.00E+00	0.00E+00	-6.09E-10	-3.91E-08	-4.68E-01	-2.06E+00	0.00E+00	0.00E+00	-9.07E-01	0.00E+00	-1.59E+00	0.00E+00	-3.21E-09	-9.32E-09	-6.95E-04	0.00E+00	-3.57E-01	0.00E+00	-1.59E+00	-1.22E-05	-1.59E+00	-1.95E+00	-3.57E-01	0.00E+00	0.00E+00	0.00E+00	-3.85E+01
WNA044B	-3.50E-03	-9.35E-02	-2.21E-03	-9.12E-02	0.00E+00	0.00E+00	-1.07E+00	-3.30E-04	-1.84E-04	-2.31E-03	0.00E+00	0.00E+00	-6.13E-10	-3.91E-08	-4.82E-01	-2.06E+00	0.00E+00	0.00E+00	-9.11E-01	0.00E+00	-1.63E+00	0.00E+00	-3.25E-09	-9.39E-09	-7.00E-04	0.00E+00	-3.58E-01	0.00E+00	-1.63E+00	-1.22E-05	-1.63E+00	-1.99E+00	-3.58E-01	0.00E+00	0.00E+00	0.00E+00	-3.86E+01
WNA044	-3.50E-03	-9.33E-02	-2.20E-03	-9.10E-02	0.00E+00	0.00E+00	-1.07E+00	-3.30E-04	-1.84E-04	-2.31E-03	0.00E+00	0.00E+00	-6.13E-10	-3.91E-08	-4.78E-01	-2.06E+00	0.00E+00	0.00E+00	-9.11E-01	0.00E+00	-1.62E+00	0.00E+00	-3.25E-09	-9.39E-09	-6.99E-04	0.00E+00	-3.58E-01	0.00E+00	-1.62E+00	-1.22E-05	-1.62E+00	-1.98E+00	-3.58E-01	0.00E+00	0.00E+00	0.00E+00	-3.86E+01
WNA045B	-3.50E-03	-9.29E-02	-2.19E-03	-9.07E-02	0.00E+00	0.00E+00	-1.07E+00	-3.30E-04	-1.84E-04	-2.31E-03	0.00E+00	0.00E+00	-6.13E-10	-3.91E-08	-4.72E-01	-2.06E+00	0.00E+00	0.00E+00	-9.11E-01	0.00E+00	-1.60E+00	0.00E+00	-3.24E-09	-9.37E-09	-6.98E-04	0.00E+00	-3.58E-01	0.00E+00	-1.60E+00	-1.22E-05	-1.60E+00	-1.96E+00	-3.58E-01	0.00E+00	0.00E+00	0.00E+00	-3.86E+01
WNA045	-3.50E-03	-9.27E-02	-2.18E-03	-9.05E-02	0.00E+00	0.00E+00	-1.07E+00	-3.30E-04	-1.84E-04	-2.31E-03	0.00E+00	0.00E+00	-6.13E-10	-3.91E-08	-4.68E-01	-2.06E+00	0.00E+00	0.00E+00	-9.10E-01	0.00E+00	-1.60E+00	0.00E+00	-3.23E-09	-9.37E-09	-6.98E-04	0.00E+00	-3.57E-01	0.00E+00	-1.60E+00	-1.22E-05	-1.60E+00	-1.95E+00	-3.57E-01	0.00E+00	0.00E+00	0.00E+00	-3.86E+01
WNC001B	-2.01E-03	-1.35E-01	-3.87E-03	-1.31E-01	0.00E+00	0.00E+00	-1.11E+00	-1.67E-04	-1.47E-04	-1.76E-03	0.00E+00	-1.00E-15	-3.89E-10	-2.00E-08	-1.59E+00	-1.88E+00	0.00E+00	0.00E+00	-5.83E-01	-1.00E-15	-4.05E+00	0.00E+00	-3.90E-09	-8.23E-09	-6.06E-04	0.00E+00	-3.45E-01	0.00E+00	-4.05E+00	-6.24E-06	-4.05E+00	-4.40E+00	-3.45E-01	0.00E+00	0.00E+00	0.00E+00	-2.45E+01
WNC001EC	-2.01E-03	-1.35E-01	-3.88E-03	-1.31E-01	0.00E+00	0.00E+00	-1.12E+00	-1.67E-04	-1.47E-04	-1.76E-03	0.00E+00	-1.00E-15	-3.89E-10	-2.00E-08	-1.59E+00	-1.88E+00	0.00E+00	0.00E+00	-5.83E-01	-1.00E-15	-4.06E+00	0.00E+00	-3.91E-09	-8.24E-09	-6.06E-04	0.00E+00	-3.45E-01	0.00E+00	-4.06E+00	-6.24E-06	-4.06E+00	-4.41E+00	-3.45E-01	0.00E+00	0.00E+00	0.00E+00	-2.45E+01
WNC002EC	-3.00E-03	-1.43E-01	-4.08E-03	-1.39E-01	0.00E+00	0.00E+00	-1.36E+00	-2.66E-04	-1.91E-04	-2.32E-03	0.00E+00	-1.00E-15	-5.16E-10	-3.15E-08	-1.58E+00	-1.97E+00	0.00E+00	0.00E+00	-7.75E-01	-1.00E-15	-4.13E+00	0.00E+00	-4.35E-09	-1.01E-08	-7.66E-04	0.00E+00	-3.64E-01	0.00E+00	-4.13E+00	-9.08E-06	-4.13E+00	-4.50E+00	-3.64E-01	0.00E+00	0.00E+00	0.00E+00	-3.27E+01
WNC002	-2.99E-03	-1.41E-01	-4.01E-03	-1.37E-01	0.00E+00	0.00E+00	-1.34E+00	-2.66E-04	-1.89E-04	-2.30E-03	0.00E+00	-1.00E-15	-5.16E-10	-3.15E-08	-1.54E+00	-1.97E+00	0.00E+00	0.00E+00	-7.75E-01	-1.00E-15	-4.04E+00	0.00E+00	-4.29E-09	-1.00E-08	-7.59E-04	0.00E+00	-3.64E-01	0.00E+00	-4.04E+00	-9.08E-06	-4.04E+00	-4.40E+00	-3.64E-01	0.00E+00	0.00E+00	0.00E+00	-3.27E+01
WNC003	-4.97E-03	-1.34E-01	-3.69E-03	-1.30E-01	0.00E+00	0.00E+00	-1.38E+00	-2.96E-04	-1.95E-04	-2.39E-03	0.00E+00	-1.00E-15	-4.14E-10	-3.48E-08	-1.54E+00	-1.97E+00	0.00E+00	0.00E+00	-6.13E-01	-1.00E-15	-3.97E+00	0.00E+00	-4.03E-09	-9.90E-09	-7.78E-04	0.00E+00	-3.46E-01	0.00E+00	-3.97E+00	-9.87E-06	-3.97E+00	-4.31E+00	-3.46E-01	0.00E+00	0.00E+00	0.00E+00	-2.57E+01
WNC020B	-2.08E-03	-1.34E-01	-3.86E-03	-1.30E-01	0.00E+00	0.00E+00	-1.13E+00	-1.76E-04	-1.49E-04	-1.79E-03	0.00E+00	-1.00E-15	-3.93E-10	-2.09E-08	-1.59E+00	-1.88E+00	0.00E+00	0.00E+00	-5.94E-01	-1.00E-15	-4.05E+00	0.00E+00	-3.88E-09	-8.30E-09	-6.13E-04	0.00E+00	-3.45E-01	0.00E+00	-4.05E+00	-5.77E-06	-4.05E+00	-4.39E+00	-3.45E-01	0.00E+00	0.00E+00	0.00E+00	-2.50E+01
WNC020EC	-2.08E-03	-1.34E-01	-3.86E-03	-1.31E-01	0.00E+00	0.00E+00	-1.13E+00	-1.76E-04	-1.49E-04	-1.79E-03	0.00E+00	-1.00E-15	-3.93E-10	-2.09E-08	-1.59E+00	-1.88E+00	0.00E+00	0.00E+00	-5.94E-01	-1.00E-15	-4.06E+00	0.00E+00	-3.88E-09	-8.31E-09	-6.14E-04	0.00E+00	-3.45E-01	0.00E+00	-4.06E+00	-5.77E-06	-4.06E+00	-4.40E+00	-3.45E-01	0.00E+00	0.00E+00	0.00E+00	-2.50E+01
WNC020	-3.32E-04	6.99E-02	2.08E-03	6.78E-02	0.00E+00	0.00E+00	8.60E-02	-7.70E-05	1.18E-04	4.80E-04	0.00E+00	0.00E+00	-4.01E-12	-7.76E-09	6.45E-03	-6.30E-01	0.00E+00	0.00E+00	2.59E-01	0.00E+00	1.16E+00	0.00E+00	1.03E-08	2.24E-09	1.31E-04	0.00E+00	-4.15E-02	0.00E+00	1.16E+00	-2.44E-06	1.16E+00	1.12E+00	-4.15E-02	0.00E+00	0.00E+00	0.00E+00	5.66E+00
WNC021B	-3.00E-03	-1.43E-01	-4.08E-03	-1.39E-01	0.00E+00	0.00E+00	-1.36E+00	-2.66E-04	-1.91E-04	-2.32E-03	0.00E+00	-1.00E-15	-5.18E-10	-3.15E-08	-1.58E+00	-1.97E+00	0.00E+00	0.00E+00	-7.77E-01	-1.00E-15	-4.14E+00	0.00E+00	-4.36E-09	-1.01E-08	-7.68E-04	0.00E+00	-3.65E-01	0.00E+00	-4.14E+00	-9.09E-06	-4.14E+00	-4.50E+00	-3.65E-01	0.00E+00	0.00E+00	0.00E+00	-3.28E+01
WNC021	-3.00E-03	-1.43E-01	-4.07E-03	-1.38E-01	0.00E+00	0.00E+00	-1.35E+00	-2.66E-04	-1.91E-04	-2.32E-03	0.00E+00	-1.00E-15	-5.18E-10	-3.15E-08	-1.58E+00	-1.97E+00	0.00E+00	0.00E+00	-7.77E-01	-1.00E-15	-4.12E+00	0.00E+00	-4.35E-09	-1.01E-08	-7.66E-04	0.00E+00	-3.64E-01	0.00E+00	-4.12E+00	-9.09E-06	-4.12E+00	-4.48E+00	-3.64E-01	0.00E+00	0.00E+00	0.00E+00	-3.28E+01
WNC022	-2.00E-03	-1.33E-01	-3.80E-03	-1.29E-01	0.00E+00	0.00E+00	-1.10E+00	-1.67E-04	-1.46E-04	-1.75E-03	0.00E+00	-1.00E-15	-3.91E-10	-2.00E-08	-1.55E+00	-1.88E+00	0.00E+00	0.00E+00	-5.84E-01	-1.00E-15	-3.96E+00	0.00E+00	-3.86E-09	-8.17E-09	-6.00E-04	0.00E+00	-3.44E-01	0.00E+00	-3.96E+00	-6.24E-06	-3.96E+00	-4.31E+00	-3.44E-01	0.00E+00	0.00E+00	0.00E+00	-2.45E+01
WNC023	-4.10E-03	-1.50E-01	-4.21E-03	-1.45E-01	0.00E+00	0.00E+00	-1.61E+00	-3.77E-04	-2.38E-04	-2.92E-03	0.00E+00	-1.00E-15	-6.53E-10	-4.43E-08	-1.54E+00	-2.17E+00	0.00E+00	0.00E+00	-9.87E-01	-1.00E-15	-4.13E+00	0.00E+00	-4.75E-09	-1.21E-08	-9.35E-04	0.00E+00	-4.00E-01	0.00E+00	-4.13E+00	-1.16E-05	-4.13E+00	-4.53E+00	-4.00E-01	0.00E+00	0.00E+00	0.00E+00	-4.18E+01
WNC025	-4.10E-03	-1.54E-01	-4.22E-03	-1.50E-01	0.00E+00	0.00E+00	-1.61E+00	-3.77E-04	-2.38E-04	-2.93E-03	0.00E+00	-1.00E-15	-6.54E-10	-4.43E-08	-1.54E+00	-2.48E+00	0.00E+00	0.00E+00	-9.89E-01	-1.00E-15	-4.12E+00	0.00E+00	-4.81E-09	-1.23E-08	-9.38E-04	0.00E+00	-4.45E-01	0.00E+00	-4.12E+00	-1.16E-05	-4.12E+00	-4.57E+00	-4.45E-01	0.00E+00	0.00E+00	0.00E+00	-4.19E+01
WNC032	-8.44E-04	-1.90E-01	-4.73E-03	-1.85E-01	0.00E+00	0.00E+00	-1.05E+00	-3.90E-05	-1.29E-04	-1.48E-03	0.00E+00	-1.00E-15	-5.04E-10	-4.64E-09	-2.02E+00	-2.55E+00	0.00E+00	0.00E+00	-5.22E-01	-1.00E-15	-5.30E+00	0.00E+00	-5.43E-09	-9.47E-09	-6.15E-04	0.00E+00	-4.57E-01	0.00E+00	-5.30E+00	-1.59E-06	-5.30E+00	-5.75E+00	-4.57E-01	0.00E+00	0.00E+00	0.00E+00	-2.16E+01
WNC033	-2.90E-03	-2.19E-01	-4.20E-03	-2.14E-01	0.00E+00	0.00E+00	-1.34E+00	-2.48E-04	-2.07E-04	-2.52E-03	0.00E+00	-1.00E-15	-6.67E-10	-2.95E-08	-1.48E+00	-6.29E+00	0.00E+00	0.00E+00	-8.82E-01	-1.00E-15	-4.17E+00	0.00E+00	-5.83E-09	-1.34E-08	-8.48E-04	0.00E+00	-1.00E+00	0.00E+00	-4.17E+00	-9.03E-06	-4.17E+00	-5.17E+00	-1.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.69E+01
WNC035	-5.62E-04	-1.78E-01	-3.76E-03	-1.74E-01	0.00E+00	0.00E+00	-7.95E-01	-1.62E-05	-1.08E-04	-1.23E-03	0.00E+00	-1.00E-15	-5.33E-10	-1.96E-09	-1.48E+00	-3.34E+00	0.00E+00	0.00E+00	-5.21E-01	-1.00E-15	-4.09E+00	0.00E+00	-5.02E-09	-8.91E-09	-5.24E-04	0.00E+00	-5.61E-01	0.00E+00	-4.09E+00	-1.01E-06	-4.09E+00	-4.65E+00	-5.61E-01	0.00E+00	0.00E+00	0.00E+00	-2.16E+01
WNC036	-5.62E-04	-1.78E-01	-3.76E-03	-1.74E-01	0.00E+00	0.00E+00	-7.95E-01	-1.62E-05	-1.08E-04	-1.23E-03	0.00E+00	-1.00E-15	-5.33E-10	-1.96E-09	-1.48E+00	-3.34E+00	0.00E+00	0.00E+00	-5.21E-01	-1.00E-15	-4.09E+00	0.00E+00	-5.02E-09	-8.91E-09	-5.24E-04	0.00E+00	-5.61E-01	0.00E+00	-4.09E+00	-1.01E-06	-4.09E+00	-4.65E+00	-5.61E-01	0.00E+00	0.00E+00	0.00E+00	-2.16E+01
WNC040EC	-3.68E-03	-1.53E-01	-4.34E-03	-1.49E-01	0.00E+00	0.00E+00	-1.54E+00	-3.31E-04	-2.24E-04	-2.75E-03	0.00E+00	-1.00E-15	-6.18E-10	-3.93E-08	-1.61E+00	-2.08E+00	0.00E+00	0.00E+00	-9.17E-01	-1.00E-15	-4.28E+00	0.00E+00	-4.84E-09	-1.17E-08	-8.92E-04	0.00E+00	-3.86E-01	0.00E+00	-4.28E+00	-1.22E-05	-4.28E+00	-4.67E+00	-3.86E-01	0.00E+00	0.00E+00	0.00E+00	-3.87E+01
WNC040	-3.68E-03	-1.51E-01	-4.25E-03	-1.46E-01	0.00E+00	0.00E+00	-1.52E+00	-3.31E-04	-2.23E-04	-2.73E-03	0.00E+00	-1.00E-15	-6.17E-10	-3.93E-08	-1.57E+00	-2.08E+00	0.00E+00	0.00E+00	-9.17E-01	-1.00E-15	-4.18E+00	0.00E+00	-4.77E-09	-1.16E-08	-8.85E-04	0.00E+00	-3.85E-01	0.00E+00	-4.18E+00	-1.22E-05	-4.18E+00	-4.56E+00	-3.85E-01	0.00E+00	0.00E+00	0.00E+00	-3.87E+01
WNC041	-3.67E-03	-1.50E-01	-4.24E-03	-1.46E-01	0.00E+00	0.00E+00	-1.52E+00	-3.31E-04	-2.22E-04	-2.72E-03	0.00E+00	-1.00E-15	-6.17E-10	-3.93E-08	-1.56E+00	-2.08E+00	0.00E+00	0.00E+00	-9.17E-01	-1.00E-15	-4.15E+00	0.00E+00	-4.76E-09	-1.15E-08	-8.83E-04	0.00E+00	-3.85E-01	0.00E+00	-4.15E+00	-1.22E-05	-4.15E+00	-4.54E+00	-3.85E-01	0.00E+00	0.00E+00	0.00E+00	-3.87E+01
WNC042B	-3.39E-03	-1.48E-01	-4.22E-03	-1.43E-01	0.00E+00	0.00E+00	-1.46E+00	-3.05E-04	-2.09E-04	-2.55E-03	0.00E+00	-1.00E-15	-5.64E-10	-3.60E-08	-1.61E+00	-2.04E+00	0.00E+00	0.00E+00	-8.50E-01	-1.00E-15	-4.23E+00	0.00E+00	-4.56E-09	-1.09E-08	-8.33E-04	0.00E+00	-3.78E-01	0.00E+00	-4.23E+00	-1.03E-05	-4.23E+00	-4.60E+00	-3.78E-01	0.00E+00	0.00E+00	0.00E+00	-3.59E+01
WNC042	-3.39E-03	-1.47E-01	-4.20E-03	-1.43E-01	0.00E+00	0.00E+00	-1.46E+00	-3.05E-04	-2.09E-04	-2.55E-03	0.00E+00	-1.00E-15	-5.64E-10	-3.60E-08	-1.60E+00	-2.04E+00	0.00E+00	0.00E+00	-8.49E-01	-1.00E-15	-4.21E+00	0.00E+00	-4.55E-09	-1.09E-08	-8.32E-04	0.00E+00	-3.78E-01	0.00E+00	-4.21E+00	-1.03E-05	-4.21E+00	-4.59E+00	-3.78E-01	0.00E+00	0.00E+00	0.00E+00	-3.59E+01
WNC044	-3.68E-03	-1.53E-01	-4.33E-03	-1.49E-01	0.00E+00	0.00E+00	-1.54E+00	-3.32E-04	-2.24E-04	-2.75E-03	0.00E+00	-1.00E-15	-6.22E-10	-3.93E-08	-1.60E+00	-2.08E+00	0.00E+00	0.00E+00	-9.20E-01	-1.00E-15	-4.27E+00	0.00E+00	-4.85E-09	-1.17E-08	-8.94E-04	0.00E+00	-3.86E-01	0.00E+00	-4.27E+00	-1.22E-05	-4.27E+00	-4.66E+00	-3.86E-01	0.00E+00	0.00E+00	0.00E+00	-3.88E+01
WNE001B	-1.89E-03	-1.20E-01	-2.23E-03	-1.18E-01	0.00E+00	0.00E+00	-7.49E-01	-1.66E-04	-1.21E-04	-1.49E-03	0.00E+00	0.00E+00	-3.89E-10	-1.98E-08	-6.69E-01	-4.18E+00	0.00E+00	0.00E+00	-5.94E-01	0.00E+00	-1.95E+00	0.00E+00	-3.06E-09	-7.62E-09	-4.71E-04	0.00E+00	-6.59E-01	0.00E+00	-1.95E+00	-6.23E-06	-1.95E+00	-2.61E+00	-6.59E-01	0.00E+00	0.00E+00	0.00E+00	-2.50E+01
WNE001G	-2.01E-03	-1.42E-01	-2.72E-03	-1.39E-01	0.00E+00	0.00E+00	-8.17E-01	-1.70E-04	-1.40E-04	-1.71E-03	0.00E+00	0.00E+00	-6.31E-10	-2.04E-08	-6.69E-01	-4.20E+00	0.00E+00	0.00E+00	-8.76E-01	0.00E+00	-2.17E+00	0.00E+00	-4.00E-09	-9.32E-09	-5.63E-04	0.00E+00	-6.87E-01	0.00E+00	-2.17E+00	-6.70E-06	-2.17E+00	-2.86E+00	-6.87E-01	0.00E+00	0.00E+00	0.00E+00	-3.70E+01
WNE001	-1.89E-03	-1.20E-01	-2.23E-03	-1.18E-01	0.00E+00	0.00E+00	-7.49E-01	-1.66E-04	-1.21E-04	-1.49E-03	0.00E+00	0.00E+00	-3.89E-10	-1.98E-08	-6.69E-01	-4.17E+00	0.00E+00	0.00E+00	-5.94E-01	0.00E+00	-1.95E+00	0.00E+00	-3.06E-09	-7.61E-09	-4.71E-04	0.00E+00	-6.57E-01	0.00E+00	-1.95E+00	-6.23E-06	-1.95E+00	-2.61E+00	-6.57E-01	0.00E+00	0.00E+00	0.00E+00	-2.50E+01
WNE023B	-3.98E-03	-1.37E-01	-2.64E-03	-1.35E-01	0.00E+00	0.00E+00	-1.26E+00	-3.75E-04	-2.14E-04	-2.67E-03	0.00E+00	0.00E+00	-6.54E-10	-4.42E-08	-6.67E-01	-4.46E+00	0.00E+00	0.00E+00	-9.98E-01	0.00E+00	-2.12E+00	0.00E+00	-3.97E-09	-1.16E-08	-8.08E-04	0.00E+00	-7.16E-01	0.00E+00	-2.12E+00	-1.16E-05	-2.12E+00	-2.83E+00	-7.16E-01	0.00E+00	0.00E+00	0.00E+00	-4.23E+01
WNE023G	-4.10E-03	-1.58E-01	-3.13E-03	-1.55E-01	0.00E+00	0.00E+00	-1.33E+00	-3.80E-04	-2.32E-04	-2.89E-03	0.00E+00	0.00E+00	-8.96E-10	-4.48E-08	-6.67E-01	-4.49E+00	0.00E+00	0.00E+00	-1.28E+00	0.00E+00	-2.34E+00	0.00E+00	-4.90E-09	-1.33E-08	-8.99E-04	0.00E+00	-7.44E-01	0.00E+00	-2.34E+00	-1.21E-05	-2.34E+00	-3.08E+00	-7.44E-01	0.00E+00	0.00E+00	0.00E+00	-5.43E+01
WNE023	-3.98E-03	-1.37E-01	-2.64E-03	-1.34E-01	0.00E+00	0.00E+00	-1.26E+00	-3.75E-04	-2.14E-04	-2.67E-03	0.00E+00	0.00E+00	-6.54E-10	-4.42E-08	-6.67E-01	-4.45E+00	0.00E+00	0.00E+00	-9.98E-01	0.00E+00	-2.12E+00	0.00E+00	-3.97E-09	-1.16E-08	-8.07E-04	0.00E+00	-7.14E-01	0.00E+00	-2.12E+00	-1.16E-05	-2.12E+00	-2.83E+00	-7.14E-01	0.00E+00	0.00E+00	0.00E+00	-4.23E+01
WNE025B	-3.99E-03	-1.41E-01	-2.64E-03	-1.39E-01	0.00E+00	0.00E+00	-1.26E+00	-3.75E-04	-2.14E-04	-2.68E-03	0.00E+00	0.00E+00	-6.55E-10	-4.42E-08	-6.60E-01	-4.77E+00	0.00E+00	0.00E+00	-1.00E+00	0.00E+00	-2.11E+00	0.00E+00	-4.02E-09	-1.17E-08	-8.10E-04	0.00E+00	-7.61E-01	0.00E+00	-2.11E+00	-1.16E-05	-2.11E+00	-2.87E+00	-7.61E-01	0.00E+00	0.00E+00	0.00E+00	-4.24E+01
WNE025G	-4.11E-03	-1.63E-01	-3.14E-03	-1.60E-01	0.00E+00	0.00E+00	-1.33E+00	-3.80E-04	-2.33E-04	-2.90E-03	0.00E+00	0.00E+00	-8.97E-10	-4.48E-08	-6.62E-01	-4.80E+00	0.00E+00	0.00E+00	-1.28E+00	0.00E+00	-2.33E+00	0.00E+00	-4.96E-09	-1.34E-08	-9.01E-04	0.00E+00	-7.89E-01	0.00E+00	-2.33E+00	-1.21E-05	-2.33E+00	-3.12E+00	-7.89E-01	0.00E+00	0.00E+00	0.00E+00	-5.44E+01
WNE025	-3.99E-03	-1.41E-01	-2.64E-03	-1.39E-01	0.00E+00	0.00E+00	-1.26E+00	-3.75E-04	-2.14E-04	-2.68E-03	0.00E+00	0.00E+00	-6.55E-10	-4.42E-08	-6.62E-01	-4.76E+00	0.00E+00	0.00E+00	-1.00E+00	0.00E+00	-2.12E+00	0.00E+00	-4.02E-09	-1.17E-08	-8.10E-04	0.00E+00	-7.59E-01	0.00E+00	-2.12E+00	-1.16E-05	-2.12E+00	-2.87E+00	-7.59E-01	0.00E+00	0.00E+00	0.00E+00	-4.24E+01
WNE040B	-3.56E-03	-1.38E-01	-2.69E-03	-1.36E-01	0.00E+00	0.00E+00	-1.17E+00	-3.30E-04	-1.99E-04	-2.48E-03	0.00E+00	0.00E+00	-6.18E-10	-3.92E-08	-6.92E-01	-4.37E+00	0.00E+00	0.00E+00	-9.28E-01	0.00E+00	-2.18E+00	0.00E+00	-3.99E-09	-1.10E-08	-7.57E-04	0.00E+00	-7.01E-01	0.00E+00	-2.18E+00	-1.22E-05	-2.18E+00	-2.88E+00	-7.01E-01	0.00E+00	0.00E+00	0.00E+00	-3.92E+01
WNE040G	-3.69E-03	-1.59E-01	-3.18E-03	-1.56E-01	0.00E+00	0.00E+00	-1.24E+00	-3.34E-04	-2.17E-04	-2.70E-03	0.00E+00	0.00E+00	-8.60E-10	-3.98E-08	-6.89E-01	-4.40E+00	0.00E+00	0.00E+00	-1.21E+00	0.00E+00	-2.39E+00	0.00E+00	-4.92E-09	-1.27E-08	-8.48E-04	0.00E+00	-7.29E-01	0.00E+00	-2.39E+00	-1.26E-05	-2.39E+00	-3.12E+00	-7.29E-01	0.00E+00	0.00E+00	0.00E+00	-5.12E+01
WNE040	-3.56E-03	-1.38E-01	-2.68E-03	-1.35E-01	0.00E+00	0.00E+00	-1.17E+00	-3.30E-04	-1.99E-04	-2.48E-03	0.00E+00	0.00E+00	-6.18E-10	-3.92E-08	-6.88E-01	-4.36E+00	0.00E+00	0.00E+00	-9.28E-01	0.00E+00	-2.17E+00	0.00E+00	-3.99E-09	-1.10E-08	-7.57E-04	0.00E+00	-6.99E-01	0.00E+00	-2.17E+00	-1.22E-05	-2.17E+00	-2.87E+00	-6.99E-01	0.00E+00	0.00E+00	0.00E+00	-3.91E+01
WNC025B	-4.10E-03	-1.56E-01	-4.29E-03	-1.52E-01	0.00E+00	0.00E+00	-1.63E+00	-3.77E-04	-2.40E-04	-2.94E-03	0.00E+00	-1.00E-15	-6.55E-10	-4.44E-08	-1.58E+00	-2.48E+00	0.00E+00	0.00E+00	-9.89E-01	-1.00E-15	-4.21E+00	0.00E+00	-4.86E-09	-1.24E-08	-9.44E-04	0.00E+00	-4.46E-01	0.00E+00	-4.21E+00	-1.16E-05	-4.21E+00	-4.66E+00	-4.46E-01	0.00E+00	0.00E+00	0.00E+00	-4.19E+01
WNE001BG	-2.01E-03	-1.42E-01	-2.72E-03	-1.39E-01	0.00E+00	0.00E+00	-8.17E-01	-1.70E-04	-1.40E-04	-1.71E-03	0.00E+00	0.00E+00	-6.31E-10	-2.04E-08	-6.69E-01	-4.22E+00	0.00E+00	0.00E+00	-8.77E-01	0.00E+00	-2.17E+00	0.00E+00	-4.00E-09	-9.33E-09	-5.63E-04	0.00E+00	-6.89E-01	0.00E+00	-2.17E+00	-6.70E-06	-2.17E+00	-2.86E+00	-6.89E-01	0.00E+00	0.00E+00	0.00E+00	-3.70E+01
WNE023BG	-4.10E-03	-1.59E-01	-3.13E-03	-1.56E-01	0.00E+00	0.00E+00	-1.33E+00	-3.80E-04	-2.32E-04	-2.89E-03	0.00E+00	0.00E+00	-8.96E-10	-4.48E-08	-6.67E-01	-4.50E+00	0.00E+00	0.00E+00	-1.28E+00	0.00E+00	-2.34E+00	0.00E+00	-4.90E-09	-1.33E-08	-8.99E-04	0.00E+00	-7.46E-01	0.00E+00	-2.34E+00	-1.21E-05	-2.34E+00	-3.08E+00	-7.46E-01	0.00E+00	0.00E+00	0.00E+00	-5.43E+01
WNE025BG	-4.11E-03	-1.63E-01	-3.13E-03	-1.60E-01	0.00E+00	0.00E+00	-1.33E+00	-3.80E-04	-2.33E-04	-2.90E-03	0.00E+00	0.00E+00	-8.97E-10	-4.48E-08	-6.60E-01	-4.81E+00	0.00E+00	0.00E+00	-1.28E+00	0.00E+00	-2.33E+00	0.00E+00	-4.96E-09	-1.35E-08	-9.01E-04	0.00E+00	-7.91E-01	0.00E+00	-2.33E+00	-1.21E-05	-2.33E+00	-3.12E+00	-7.91E-01	0.00E+00	0.00E+00	0.00E+00	-5.44E+01
WNE040BG	-3.69E-03	-1.60E-01	-3.18E-03	-1.57E-01	0.00E+00	0.00E+00	-1.24E+00	-3.34E-04	-2.18E-04	-2.70E-03	0.00E+00	0.00E+00	-8.60E-10	-3.98E-08	-6.93E-01	-4.41E+00	0.00E+00	0.00E+00	-1.21E+00	0.00E+00	-2.40E+00	0.00E+00	-4.93E-09	-1.27E-08	-8.49E-04	0.00E+00	-7.31E-01	0.00E+00	-2.40E+00	-1.26E-05	-2.40E+00	-3.13E+00	-7.31E-01	0.00E+00	0.00E+00	0.00E+00	-5.12E+01
WNA300B	-2.83E-03	-8.54E-02	-2.02E-03	-8.34E-02	0.00E+00	0.00E+00	-9.02E-01	-2.64E-04	-1.53E-04	-1.91E-03	0.00E+00	0.00E+00	-5.09E-10	-3.13E-08	-4.82E-01	-1.99E+00	0.00E+00	0.00E+00	-7.68E-01	0.00E+00	-1.54E+00	0.00E+00	-2.83E-09	-7.93E-09	-5.80E-04	0.00E+00	-3.43E-01	0.00E+00	-1.54E+00	-9.72E-06	-1.54E+00	-1.89E+00	-3.43E-01	0.00E+00	0.00E+00	0.00E+00	-3.26E+01
WNA300	-2.83E-03	-8.52E-02	-2.02E-03	-8.32E-02	0.00E+00	0.00E+00	-9.01E-01	-2.64E-04	-1.52E-04	-1.90E-03	0.00E+00	0.00E+00	-5.09E-10	-3.13E-08	-4.78E-01	-1.99E+00	0.00E+00	0.00E+00	-7.68E-01	0.00E+00	-1.53E+00	0.00E+00	-2.82E-09	-7.92E-09	-5.79E-04	0.00E+00	-3.42E-01	0.00E+00	-1.53E+00	-9.72E-06	-1.53E+00	-1.88E+00	-3.42E-01	0.00E+00	0.00E+00	0.00E+00	-3.26E+01