



GA N° 668353

H2020 Research and Innovation

Deliverable N°: D7.3

Title: Release of open-source software artefacts describing semantic model

WP N° and Title: **WP7 – IT solutions and clinical decision support systems for
incorporation in clinical workflows**

Lead beneficiary: **P9-MUW**

Type: **Report**

Dissemination level: **Public**

Start date of project: 01/01/2016

Duration: 60 months

Due date of deliverable: Month 18

Actual submission date: 31/05/2017 (Month 17)

Comment: [e.g. explanation for delay]



The files released as part of this deliverable are listed in Table 1. More detailed descriptions of these files and of the semantic model are provided in Deliverable 7.4 (*“Report on interoperability and development of a shared semantic model”*).

Table 1. Overview of files released as part of this deliverable.

File name	Description
Deliverable 7.3 – List of drugs and phenotypes update 20170419.xls	Contains all phenotypes and active ingredients captured by the U-PGx knowledge base.
Deliverable 7.3 – assayresult_combination_to_variantresult.csv	Contains the mapping between assay results and resulting variants for variants that are defined by more than one assay.
Deliverable 7.3 – upgx_assays.csv	Contains a characterization of all assays covered by the U-PGx genotyping panel.
Deliverable 7.3 – Drug substance translations and common trade names.xls	Contains the translations of active ingredients to the implementation sites’ local languages and the mapping from active ingredients to common country-specific trade names.
Deliverable 7.3 – variant_result_genotype_translation20170425.csv	Contains the mapping that is used to assign combinations of haplotypes detected by the genotyping platform to their most likely corresponding phenotypes.
Deliverable 7.3 – upgx_variants.csv	Contains the characterization of all variants covered by the U-PGx genotyping panel.
Deliverable 7.3 – genotype.csv	Contain the mappings between phenotypes, active ingredients and clinical recommendations on which the decision support intervention is based.
Deliverable 7.3 – guideline.csv	
Deliverable 7.3 – subst.csv	
Deliverable 7.3 – substance.csv	
Deliverable 7.3 – text.csv	

Note: The information provided in the files listed in Table 1 reflects the status of March 2017 and may be subject to changes throughout the project as new scientific evidence becomes available.

G-ST IDENTIFIER	PHENOTYPES
500	CYP2D6 POOR METABOLIZER
501	CYP2D6 INTERMEDIATE METABOLIZER
502	CYP2D6 ULTRARAPID METABOLIZER
503	FACTOR V LEIDEN HOMOZYGOUS
504	FACTOR V LEIDEN HETEROZYGOUS
505	CYP2D6 EXTENSIVE METABOLIZER
506	CYP2C9 *1/*1
507	CYP2C9 *1/*2
508	CYP2C9 *1/*3
509	CYP2C9 *2/*2
510	CYP2C9 *2/*3
511	CYP2C9 *3/*3
512	CYP2C9 INTERMEDIATE METABOLIZER
513	CYP2C9 POOR METABOLIZER
514	CYP2C19 EXTENSIVE METABOLIZER
520	CYP2C19 INTERMEDIATE METABOLIZER
521	CYP2C19 POOR METABOLIZER
522	UGT1A1 EXTENSIVE METABOLIZER
523	UGT1A1 *1/*28 (TA6/TA7)
524	UGT1A1 *28/*28 (TA7/TA7)
525	UGT1A1 INTERMEDIATE METABOLIZER
526	UGT1A1 POOR METABOLIZER
527	TPMT INTERMEDIATE METABOLIZER
528	TPMT POOR METABOLIZER
529	VKORC1 1173CT
530	VKORC1 1173TT
533	FACTOR V LEIDEN ABSENT
534	TPMT EXTENSIVE METABOLIZER
535	VKORC1 1173CC (WILD TYPE)
536	HLA-B*5701-POSITIVE
537	HLA-B*5701-NEGATIVE
538	CYP3A5 POOR METABOLIZER (MOST PREVALENT)
539	CYP3A5 INTERMEDIATE METABOLIZER
540	CYP3A5 EXTENSIVE METABOLIZER
541	CYP2C19 ULTRARAPID METABOLIZER
542	DPD GENE ACTIVITY SCORE 0
543	DPD GENE ACTIVITY SCORE 1
544	DPD GENE ACTIVITY SCORE 2 (EXTENSIVE METABOLIZER)
545	SLCO1B1 NORMAL FUNCTION
546	SLCO1B1 DECREASED FUNCTION
547	SLCO1B1 POOR FUNCTION
1342	CYP2B6 EXTENSIVE METABOLIZER
1343	CYP2B6 INTERMEDIATE METABOLIZER
1344	CYP2B6 POOR METABOLIZER
1345	DPD GENE ACTIVITY SCORE 1,5
1346	DPD GENE ACTIVITY SCORE 0,5
1360	HLA-B*1502-POSITIVE
1361	HLA-A*3101-POSITIVE
1363	HLA-B*1502-NEGATIVE

1364	HLA-A*3101-NEGATIVE
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gnstam	protocol	English (UK)	Spanish	Greek
1422	Acenocoumarol	Acenocoumarol	Acenocumarol	ΑΣΕΝΟΚΟΥΜΑΡΟΛΗ
36722	Amitriptyline	Amitriptyline	Amitriptilina	ΑΜΙΤΡΥΠΤΙΛΙΝΗ
82791	Aripiprazole	Aripiprazole	Aripiprazol	ΑΡΙΠΙΠΡΑΖΟΛΗ
82899	Atomoxetine	Atomoxetine	Atomoxetina	ΑΤΟΜΟΞΕΤΙΝΗ
74020	Atorvastatin	Atorvastatin	Atorvastatina	ΑΤΟΡΒΑΣΤΑΤΙΝΗ
7706	Azathioprine	Azathioprine	Azatioprina	αζαθειοπρίνη
79618	Capecitabine	Capecitabine	Capecitabina	καπεσιταβίνη
2011	Carbamazepine	Carbamazepine	Carbamazepina	ΚΑΡΒΑΜΑΖΕΠΙΝΗ
62138	Citalopram	Citalopram	Citalopram	ΣΙΤΑΛΟΠΡΑΜΗ
38849	Clomipramine	Clomipramine	Clomipramina	ΚΛΟΜΙΠΡΑΜΙΝΗ
75035	Clopidogrel	Clopidogrel	Clopidogrel	ΚΛΟΠΙΔΟΓΡΕΛΗ
60747	Clozapine	Clozapine	Clozapina	ΚΛΟΖΑΠΙΝΗ
38938	Codeine	Codeine	Codeína	Κωδεΐνη
40045	Doxepine	Doxepin	Doxepina	ΔΟΞΕΠΙΝΗ
77771	Efavirenz	Efavirenz	Efavirenz	εφαβιρένζη
83933	Escitalopram	Escitalopram	Escitalopram	ΕΣΙΤΑΛΟΠΡΑΜΗ
31291	Flecainide	Flecainide	Flecainida	ΦΛΕΚΑΪΝΙΔΗ
40991	Flucloxacillin	Flucloxacillin	Flucloxacilina	φλουκλοξασιλίνη
7749	Fluorouracil	Fluorouracil	Fluorouracilo	φθοριοουρακίλη
14427	Haloperidol	Haloperidol	Haloperidol	ΑΛΟΠΕΡΙΔΟΛΗ
41955	Imipramine	Imipramine	Imipramina	ΙΜΙΠΡΑΜΙΝΗ
73881	Irinotecan	Irinotecan	Irinotecán	ιρινοτεκάνη
44113	Mercaptopurine	Mercaptopurine	Mercaptopurina	μερκαπτοπουρίνη
44458	Metoprolol	Metoprolol	Metoprolol	ΜΕΤΟΠΡΟΛΟΛΗ
45268	Nortriptyline	Nortriptyline	Nortriptilina	ΝΟΡΤΡΙΠΤΥΛΙΝΗ
	Oestrogen	Oestrogen		
	-1 containing drugs	containing contraceptives	Anticonceptivos con estrógenos	ΑΝΤΙΣΥΛΛΗΠΤΙΚΑ ΠΟΥ ΠΕΡΙΕΧΟΥΝ ΟΙΣΤΡΟΓΟΝΑ
45624	Oxycodone	Oxycodone	Oxicodona	Οξικωδόνη
66982	Paroxetine	Paroxetine	Paroxetina	ΠΑΡΟΞΕΤΙΝΗ
1465	Phenprocoumon	Phenprocoumon	Fenprocumón	ΦΑΙΝΠΡΟΚΟΥΜΟΝΗ
1856	Phenytoin	Phenytoin	Fenitoína	Φαινυτοΐνη
14508	Pimozide	Pimozide	Pimozida	ΠΙΜΟΖΙΔΗ
34460	Propafenon	Propafenone	Propafenona	ΠΡΟΠΑΦΑΙΝΟΝΗ
67482	Sertraline	Sertraline	Sertralina	ΣΕΡΤΡΑΛΙΝΗ
62340	Simvastatin	Simvastatin	Simvastatina	ΣΙΜΒΑΣΤΑΤΙΝΗ
71668	Tacrolimus	Tacrolimus	Tacrolimus	ΤΑΚΡΟΛΙΜΟΥΣ
48534	Tamoxifen	Tamoxifen	Tamoxifeno	ταμοξιφαίνη
7757	Tegafur	Tegafur	Tegafur	τεγκαφούρη
50334	Thioguanine	Tioguanine	Tioguanina	θειογουανίνη
68993	Tramadol	Tramadol	Tramadol	Τραμαδόλη
69612	Venlafaxine	Venlafaxine	Venlafaxina	ΒΕΝΛΑΦΑΞΙΝΗ
81167	Voriconazole	Voriconazole	Voriconazol	Βορικοναζόλη
49727	Warfarin	Warfarin	Warfarina	ΒΑΡΦΑΡΙΝΗ
38865	Zuclopenthixol	Zuclopenthixol	Zuclopentixol	ΖΟΥΚΛΟΠΕΝΘΙΞΟΛΗ

German (Austria)	Dutch	Slovenian	Italian
Acenocoumarol	Acenocoumarol	Acenokumarol	Acenocumarolo
Amitriptylin	Amitriptyline	Amitriptilin	Amitriptilina
Aripiprazol	Aripiprazol	Aripiprazol	Aripiprazolo
Atomoxetin	Atomoxetine	Atomoksetin	Atomoxetina
Atorvastatin	Atorvastatine	Atorvastatin	Atorvastatina
Azathioprin	Azathioprine	Azatioprin	Azatioprina
Capecitabin	Capecitabine	Kapecitabin	Capecitabina
Carbamazepin	Carbamazepine	Karbamazepin	Carbamazepina
Citalopram	Citalopram	Citalopram	Citalopram
Clomipramin	Clomipramine	Klomipramin	Clomipramina
Clopidogrel	Clopidogrel	Klopidogrel	Clopidogrel
Clozapin	Clozapine	Klozapin	Clozapina
Codein	Codeine	Kodein	Codeina
Doxepin	Doxepine	Doksepin	Doxepina
Efavirenz	Efavirenz	Efavirenz	Efavirenz
Escitalopram	Escitalopram	Escitalopram	Escitalopram
Flecainid	Flecainide	Flekainid	Flecainide
Flucloxacillin	Flucloxacilline	Flukloksacilin	Flucloxacillina
Fluorouracil	Fluorouracil	Fluorouracil	Fluorouracile
Haloperidol	Haloperidol	Haloperidol	Aloperidolo
Imipramin	Imipramine	Imipramin	Imipramina
Irinotecan	Irinotecan	Irinotekan	Irinotecan
Mercaptopurin	Mercaptopurine	Merkaptopurin	Mercaptopurina
Metoprolol	Metoprolol	Metoprolol	Metoprololo
Nortriptylin	Nortriptyline	Nortriptilin	Nortriptilina
Östrogenhaltige Kontrazeptiva		Kontrazeptivska sredstva, ki vsebujejo estrogen	Contraccettivi contenenti estrogeni
Oxycodon	Oxycodon	Oksikidon	Ossicodone
Paroxetin	Paroxetine	Paroksetin	Paroxetina
Phenprocoumon	Fenprocoumon	Fenprokumon	Phenprocoumon
Phenytoin	Fenytoine	Fenitoin	Fenitoina
Pimozid	Pimozide	Pimozid	Pimozide
Propafenon	Propafenon	Propafenon	Propafenone
Sertralin	Sertraline	Sertralin	Sertralina
Simvastatin	Simvastatine	Simvastatin	Simvastatina
Tacrolimus	Tacrolimus	Takrolimus	Tacrolimus
Tamoxifen	Tamoxifen	Tamoksifen	Tamoxifene
Tegafur	Tegafur	Tegafur	Tegafur
Thioguanin	Tioguanine	Tiogvanin	Tioguanina
Tramadol	Tramadol	Tramadol	Tramadolo
Venlafaxin	Venlafaxine	Venlafaksin	Venlafaxina
Voriconazol	Voriconazol	Vorikonazol	Voriconazolo
Warfarin	Warfarin	Varfarin	Warfarin
Zuclopenthixol	Zuclopentixol	Zuklopentiksol	Zuclopentixolo