Suppl. Table 1: List of ontology classes of metabolites for the exploratory, identification, and validation studies

Ontology class	Exploratory Study Number of metabolites (total 364)	Identification Study Number of metabolites (total 477)	Validation Study Number of metabolites (total 337)
Complex lipids, fatty acids and related	233	304	183
Unknown	17	43	34
Energy metabolism and related	8	26	26
Amino acids related	14	23	21
Amino acids	22	22	22
Carbohydrates and related	13	17	17
Miscellaneous	17	14	14
Vitamins, cofactors and related	7	10	8
Hormones, signal substances and related	31	10	4
Nucleobases and related	2	8	8

Significant ANOVA results for the EDTA plasma samples of the test set are in suppl. Material

Suppl. Table 2

Results of univariate statistical analysis of metabolomics data of plasma samples of pancreatic cancer patients versus chronic pancreatitis patients (test data set). Analytes with final chemical structure identity pending are not given. Statistical analysis was done via ANOVA models (see method section), the significance level was set to p < 0.05 and false-discovery rate (Benjamini&Hochberg) < 0.2. Ratios are relative to the chronic pancreatitis group.

			Pancreatic cancer versus chronic pancreatitis			Age		
ONTOLOGY1_NAME	ONTOLOGY2_NAME	METABOLITE_NAME	Ratio	p-value	FDR	Ratio	p-value	FDR
Clinical marker	Clinical marker	CA19-9	14.27	3.17E-09	0.0000	1.19	3.95E-01	0.7768
Complex lipids, fatty acids and related	Sphingomyelins	SM_Sphingomyelin (d17:1,C18:0)	1.37	4.61E-05	0.0078	1.02	6.24E-01	0.8786
Complex lipids, fatty acids and related	Sphingomyelins	SM_Sphingomyelin (d18:1,C18:0)	1.29	8.36E-05	0.0082	0.95	7.04E-02	0.4801
Amino acids	Amino acids, neutral	Proline	0.75	1.07E-04	0.0082	1.04	2.19E-01	0.6833
Complex lipids, fatty acids and related	Bile acids	Taurochenodeoxycholic acid (1 additional)	**4.74**	1.21E-04	0.0082	0.76	1.55E-01	0.6272
Complex lipids, fatty acids and related	Sphingomyelins	SM_Sphingomyelin (d18:0,C18:0)	1.70	1.51E-04	0.0085	0.89	8.82E-02	0.5219
Amino acids related	Urea cycle and related	Citrulline	0.76	1.94E-04	0.0089	1.07	3.85E-02	0.4338
Complex lipids, fatty acids and related	Ceramides	CER_Ceramide (d18:1,C18:0)	1.55	2.22E-04	0.0089	0.90	7.01E-02	0.4801
Complex lipids, fatty acids and related	Sphingomyelins	SM_Sphingomyelin (d18:2,C22:1)	1.28	2.38E-04	0.0089	0.99	6.87E-01	0.8980
Vitamins, cofactors and related	Redox-carrier and related	Coenzyme Q9	0.55	2.67E-04	0.0090	1.16	5.69E-02	0.4801
Amino acids	Amino acids, basic	Histidine	0.79	3.55E-04	0.0109	1.01	7.94E-01	0.9217

Complex lipids, fatty acids and related	Sphingomyelins	SM_Sphingomyelin (d18:2,C18:0)	1.21	4.96E-04	0.0131	0.97	2.44E-01	0.7097
Complex lipids, fatty acids and related	Sphingomyelins	SM_Sphingomyelin (d18:2,C19:0)	1.38	5.15E-04	0.0131	1.04	3.74E-01	0.7712
Complex lipids, fatty acids and related	Sphingomyelins	SM_Sphingomyelin (d18:1,C22:1)	1.31	5.41E-04	0.0131	0.97	3.51E-01	0.7642
Amino acids related	Methyl cycle	Betaine	0.52	5.80E-04	0.0131	1.09	3.49E-01	0.7642
Complex lipids, fatty acids and related	Ceramides	CER_Ceramide (d18:2,C18:0)	1.39	7.30E-04	0.0150	0.92	7.67E-02	0.4862
Amino acids	Amino acids, basic	Arginine	0.78	7.55E-04	0.0150	1.02	5.35E-01	0.8236
Complex lipids, fatty acids and related	Sphingomyelins	SM_Sphingomyelin (d17:1,C24:1)	1.24	9.58E-04	0.0180	1.05	1.10E-01	0.5595
Complex lipids, fatty acids and related	Sphingomyelins	SM_Sphingomyelin (d18:1,C20:1)	1.27	1.10E-03	0.0195	0.99	7.38E-01	0.9085
Complex lipids, fatty acids and related	Sphingomyelins	SM_Sphingomyelin (d18:2,C18:1)	1.25	1.21E-03	0.0205	1.00	9.72E-01	0.9829
Complex lipids, fatty acids and related	Sphingomyelins	SM_Sphingomyelin (d18:1,C18:1)	1.20	1.54E-03	0.0239	0.99	6.41E-01	0.8808
Amino acids	Amino acids, basic	Glutamine	0.76	1.62E-03	0.0239	1.02	6.51E-01	0.8808
Complex lipids, fatty acids and related	Ceramides	CER_Ceramide (d17:1,C16:0)	1.35	1.64E-03	0.0239	1.00	9.36E-01	0.9716
Complex lipids, fatty acids and related	Sphingomyelins	SM_Sphingomyelin (d18:1,C23:1)	1.26	1.70E-03	0.0239	1.02	6.56E-01	0.8809
Complex lipids, fatty acids and related	Bile acids	Glycocholic acid	**3.61**	2.13E-03	0.0280	0.73	1.20E-01	0.5711
Energy metabolism and related	Citrate cycle	alpha-Ketoglutarate	1.46	2.17E-03	0.0280	0.98	6.85E-01	0.8974
Complex lipids, fatty acids and related	Sphingomyelins	SM_Sphingomyelin (d18:1,C20:0)	1.18	2.26E-03	0.0280	0.97	2.38E-01	0.7077

Vitamins, cofactors and related	Tocopherols and related	gamma-Tocopherol (2 additional)	0.71	2.32E-03	0.0280	1.04	5.09E-01	0.8075
Complex lipids, fatty acids and related	Sphingomyelins	SM_Sphingomyelin (d17:1,C20:0)	1.29	2.63E-03	0.0306	1.04	3.12E-01	0.7312
Amino acids related	Collagen metabolism	trans-4-Hydroxyproline	0.76	2.85E-03	0.0321	1.04	3.89E-01	0.7768
Complex lipids, fatty acids and related	Sphingomyelins	SM_Sphingomyelin (d18:2,C20:1)	1.23	3.05E-03	0.0333	1.00	8.83E-01	0.9456
Vitamins, cofactors and related	Redox-carrier and related	Coenzyme Q10	0.70	3.41E-03	0.0360	1.09	1.48E-01	0.6272
Complex lipids, fatty acids and related	Sphingomyelins	SM_Sphingomyelin (d18:1,C24:2)	1.25	3.69E-03	0.0378	0.99	8.80E-01	0.9456
Amino acids	Amino acids, S-containing	Cysteine (additional: Cystine)	0.89	3.97E-03	0.0389	1.09	4.21E-05	0.0065
Amino acids	Amino acids, neutral	Threonine	0.81	4.03E-03	0.0389	0.98	6.29E-01	0.8791
Complex lipids, fatty acids and related	Lysophosphatidylcholines	Lysophosphatidylcholine (C18:0)	0.81	4.23E-03	0.0397	1.01	8.35E-01	0.9321
Complex lipids, fatty acids and related	Sphingomyelins	SM_Sphingomyelin (d18:1,C24:1)	1.14	5.02E-03	0.0459	0.99	5.41E-01	0.8262
Complex lipids, fatty acids and related	Sphingomyelins	SM_Sphingomyelin (d18:2,C24:2)	1.20	5.59E-03	0.0472	1.01	7.10E-01	0.9085
Amino acids	Amino acids, basic	Asparagine	0.87	5.84E-03	0.0482	1.06	2.40E-02	0.3811
Amino acids	Amino acids, neutral	Alanine	0.82	6.26E-03	0.0504	1.06	1.12E-01	0.5595
Nucleobases and related	Purine metabolism	Uric acid	0.79	6.92E-03	0.0538	1.09	3.48E-02	0.4235
Complex lipids, fatty acids and related	Ceramides	CER_Ceramide (d16:1,C18:0)	1.32	7.00E-03	0.0538	0.97	4.92E-01	0.8075
Complex lipids, fatty acids and related	Ceramides	Ceramide (d18:1,C24:0)	0.73	7.73E-03	0.0576	1.05	3.89E-01	0.7768

Complex lipids, fatty acids and related	Ceramides	CER_Ceramide (d16:1,C24:0)	0.67	7.94E-03	0.0576	1.05	4.79E-01	0.8075
Amino acids related	Amino acid metabolites	5-Oxoproline (3 additional)	0.90	8.04E-03	0.0576	1.01	6.09E-01	0.8672
Complex lipids, fatty acids and related	Sphingomyelins	SM_Sphingomyelin (d18:1,C21:0)	1.22	8.18E-03	0.0576	1.01	8.84E-01	0.9456
Complex lipids, fatty acids and related	Ceramides	CER_Ceramide (d18:1,C24:0)	0.80	8.65E-03	0.0583	0.99	8.93E-01	0.9479
Complex lipids, fatty acids and related	Ceramides	CER_Ceramide (d18:2,C24:0)	0.74	8.80E-03	0.0583	1.02	7.48E-01	0.9089
Complex lipids, fatty acids and related	Phosphatidylcholines	Phosphatidylcholine (C18:0,C18:2)	1.02	8.97E-03	0.0583	1.00	3.01E-01	0.7312
Complex lipids, fatty acids and related	Sphingomyelins	Sphingomyelin (d17:1,C18:0) (5 additional)	1.16	9.36E-03	0.0597	1.05	1.13E-01	0.5595
Complex lipids, fatty acids and related	Sphingomyelins	SM_Sphingomyelin (d18:1,C19:0)	1.36	1.01E-02	0.0633	1.08	1.78E-01	0.6462
Nucleobases and related	Purine metabolism	Allantoin	0.91	1.09E-02	0.0672	1.03	6.72E-02	0.4801
Complex lipids, fatty acids and related	Sphingomyelins	SM_Sphingomyelin (d17:1,C16:0)	1.18	1.15E-02	0.0696	1.06	6.16E-02	0.4801
Complex lipids, fatty acids and related	Sphingomyelins	SM_Sphingomyelin (d18:2,C23:1)	1.19	1.19E-02	0.0696	1.03	3.12E-01	0.7312
Complex lipids, fatty acids and related	Sphingomyelins	Sphingomyelin (d18:2,C17:0) (3 additional)	1.15	1.19E-02	0.0696	1.05	5.57E-02	0.4801
Complex lipids, fatty acids and related	Phospholipid metabolites	myo-Inositol-2-phosphate, lipid fraction (myo-Inositolphospholipids)	0.63	1.24E-02	0.0710	1.11	2.21E-01	0.6833
Complex lipids, fatty acids and related	Ceramides	CER_Ceramide (d18:1,C20:0)	1.26	1.29E-02	0.0725	0.94	1.54E-01	0.6272

Complex lipids, fatty acids and related	Lysophosphatidylethanolamines	Lysophosphatidylethanolamine (C18:2)	0.80	1.32E-02	0.0730	0.99	7.53E-01	0.9123
Complex lipids, fatty acids and related	Ceramides	CER_Ceramide (d18:2,C20:0)	1.27	1.38E-02	0.0735	0.93	1.13E-01	0.5595
Complex lipids, fatty acids and related	Lysophosphatidylcholines	Lysophosphatidylcholine (C18:2)	0.80	1.39E-02	0.0735	0.99	7.28E-01	0.9085
Complex lipids, fatty acids and related	Fatty acids, mono-unsaturated	Erucic acid (C22:cis[13]1)	0.75	1.52E-02	0.0792	1.03	5.62E-01	0.8409
Miscellaneous	Heme catabolites	Biliverdin	1.64	1.86E-02	0.0912	1.03	7.72E-01	0.9213
Complex lipids, fatty acids and related	Sphingomyelins	SM_Sphingomyelin (d18:2,C24:1)	1.12	1.86E-02	0.0912	0.99	7.74E-01	0.9213
Energy metabolism and related	Fatty acid oxidation	Carnitine	0.84	1.89E-02	0.0912	1.02	6.74E-01	0.8882
Amino acids related	Amino acid conjugates	2-Methylserine	0.84	1.89E-02	0.0912	0.97	4.44E-01	0.7913
Complex lipids, fatty acids and related	Phosphatidylcholines	Phosphatidylcholine (C18:1,C18:2) (1 additional)	1.01	2.21E-02	0.1044	1.00	7.38E-01	0.9085
Amino acids related	Creatine metabolism	Creatine	0.81	2.23E-02	0.1044	1.05	2.79E-01	0.7312
Amino acids	Amino acids, neutral	Glycine	0.89	2.34E-02	0.1071	1.02	4.05E-01	0.7768
Carbohydrates and related	Polyols	Erythrol	0.85	2.47E-02	0.1111	1.18	5.32E-06	0.0033
Complex lipids, fatty acids and related	Ceramides	CER_Ceramide (d18:1,C16:0)	1.23	2.69E-02	0.1182	0.94	1.71E-01	0.6391
Carbohydrates and related	Sugar acids	Glucuronic acid	1.28	2.73E-02	0.1182	0.94	2.77E-01	0.7312
Amino acids related	Tryptophan metabolism	3-Indoxylsulfate	0.64	3.11E-02	0.1330	1.39	1.03E-03	0.0643
Amino acids related	Urea cycle and related	Ornithine (2 additional)	0.87	3.15E-02	0.1331	1.00	8.93E-01	0.9479
Complex lipids, fatty acids and related	Ceramides	CER_Ceramide (d18:1,C22:1)	1.36	3.31E-02	0.1383	0.88	5.91E-02	0.4801

Complex lipids, fatty acids and related	Sphingomyelins	SM_Sphingomyelin (d18:2,C21:0)	1.18	3.51E-02	0.1448	1.05	1.94E-01	0.6673
Amino acids	Amino acids, basic	Lysine	0.88	3.77E-02	0.1505	1.05	1.24E-01	0.5711
Amino acids related	Tryptophan metabolism	Kynurenine	0.85	3.78E-02	0.1505	1.06	1.12E-01	0.5595
Complex lipids, fatty acids and related	Sphingomyelins	SM_Sphingomyelin (d18:2,C20:0)	1.12	4.05E-02	0.1592	0.99	7.79E-01	0.9213
Miscellaneous	Diet related	Quinic acid (1 additional)	0.62	4.21E-02	0.1637	1.09	4.18E-01	0.7787
Complex lipids, fatty acids and related	Fatty acids, mono-unsaturated	Palmitoleic acid (C16:cis[9]1)	0.72	4.44E-02	0.1707	0.94	4.45E-01	0.7913
Energy metabolism and related	Fatty acid oxidation	Propionylcarnitine	0.82	4.67E-02	0.1775	1.10	5.73E-02	0.4801
Energy metabolism and related	Energy metabolism, miscellaneous	2-Hydroxybutyrate	1.25	4.90E-02	0.1840	1.08	1.79E-01	0.6462

Coloring of ratios:
ratio > 1 & p-value < 0.01
ratio > 1 & 0.01 ≤ p-value < 0.05
ratio < 1 & 0.01 ≤ p-value < 0.05
ratio < 1 & p-value < 0.01

Coloring of p-values:
0.01 ≤ p < 0.05
p < 0.01

Suppl. Table 3: Performance data for CA19-9, cut-off derived from 85% spec of trainings set

Data	Sens All	Sens resect	Spec CP	Cutoff U/mL	PPV All	NPV All
CA19-9 Training	0.859	0.909	0.85	20.9	0.10	0.997
CA19-9 Test	0.848	0.825	0.738	20.9	0.06	0.996

Suppl. Table 4

Serum sample performance characteristics for the biomarker signature in the training data set. Metabolites (additional CA19-9) used are identical to plasma, but the coefficients of the logistic models were recalculated.

Group	Data set	All tumor stages								Resectable tumors, stages IA-IIB			
		n	AUC [95%CI]	Biomarker cutoff	Sensitivity [95%CI]	Specificity (fixed)	PPV	NPV	Accuracy [95%CI]	n	Sensitivity [95%CI]	Specificity (fixed)	Accuracy [95%CI]
					%	%	%	%	%		%	%	%
PDAC vs. CP serum	Training	80/79	0.88 [0.83-0.93]	0.545	75 [69.5-86.7]	85	9.68	99.43	78.6 [73.1-83.3]	27/79	63.0 [48.7-79.4]	86	79.5 [73.5-81.6]

Group	Data set	All tumor stages								Resectable tumors, stages IA-IIB			
		n	AUC [95%CI]	Biomarker cutoff	Sensitivity [95%CI]	Specificity (fixed)	PPV	NPV	Accuracy [95%CI]	n	Sensitivity [95%CI]	Specificity (fixed)	Accuracy [95%CI]
					%	%	%	%	%		%	%	%
PDAC vs. liver cirrhosis serum	Training	80/80	0.87 [0.79-0.91]	n.a.	72.2 [61.2-81.5]	85	n.a.	n.a.	78.6 [73.1-83.25]	27/80	63.0 [39.3-71.5]	85	79.5 [73.5-81.6]

Group	Data set	All tumor stages								Resectable tumors, stages IA-IIB			
		n	AUC [95%CI]	Biomarker cutoff	Sensitivity [95%CI]	Specificity (fixed)	PPV	NPV	Accuracy [95%CI]	n	Sensitivity [95%CI]	Specificity (fixed)	Accuracy [95%CI]
					%	%	%	%	%		%	%	%
PDAC vs. BD serum	Training	80/77	0.95 [0.92-0.98]	n.a.	93.8 [85.0-95.9]	85.7	n.a.	n.a.	89.8 [85.3-90.9]	27/77	81.5 [64.5-90.1]	85.7	84.6 [80.2-86.8]

Suppl. Table 5: Plasma sample performance characteristics for the biomarker signature in the test data set of PDAC vs non-pancreatic controls

Group	Data set	All tumor stages								Resectable tumors, stages IA-IIB			
		n	AUC [95%CI]	Biomarker cutoff	Sensitivity [95%CI]	Specificity [95%CI]	PPV	NPV	Accuracy [95%CI]	n	Sensitivity [95%CI]	Specificity [95%CI]	Accuracy [95%CI]
					%	%	%	%	%		%	%	%
PDAC vs. non-pancreatic controls plasma	Test	79/80	0.90 [0.85-0.94]	transferred from table 3	89.9 [81.0-95.5]	81.3 [71.0-89.1]	n.a.	n.a.	85.5 [79.1-90.6]	40/80	90.0 [76.3-97.2]	81.3 [71.0-89.1]	84.2 [76.4-90.2]

Suppl. Table 6: Performance data in jaundiced patients. Biomarker signature performance on test data set and on icteric and non-icteric subgroups. Icteric samples were defined with bilirubin (total) >1.2 mg/dL. Four samples (two PDAC, two CP) have missing bilirubin data.

PDAC vs. CP	All tumor stages				Resectable tumors, stages IA-IIB		
	n	Biomarker cut-off	Sensitivity %	Specificity %	n	Sensitivity %	Specificity %
Test data set (all samples)	79/80	0.384	89.9	91.3	40/80	90	91.3
Test data set (icteric samples)	20/3	0.384	90	n.a.*	11/3	100	n.a.*
Test data set (non-icteric samples)	57/75	0.384	89.5	92	29/75	86.2	92
*n.a.= not applicable due to low sample number (2 out of 3 classified negatively)							

Suppl. Table 7: Patients' characteristics for patients with chronic pancreatitis

	Etiology C2 [%]	age at recruitment [years ± SD]	age at diagnosis [years ± SD]	Gender [%]	Pancreatic exocrine insufficiency [%]	Diabetes mellitus [%]	Calcifications [%]	Smoking [%]
Exploratory Study (n=43)	100%	49 ±9.9	43± 6.8	73% male	34%	39%	53.7%	100%
Identification Study								
Greifswald (n=79)	100%	48±10.5	44±7.2	88% male	23%	12%	46.2%	72%
Dresden (n=80)	76%	51 ± 8.7	46±9.4	84% male	42%	38%	51.3%	76%
Validation Study (n=80)	75%	51 ± 9.9	45±11.7	73% male	46%	44%	46.3%	n.k.

n.k.: not known.

Suppl. Table 8: Individual data (pool-normalized ratios) of nine metabolites and CA19-9

Study	Sample set	Sample type	Center	Diagnosis	SAMPLE_ID	CA19-9 [U/mL]	Sphingomyelin (d17:1,C18:0)	Ceramide (d18:1,C24:0)	Sphinganine-1-phosphate (d18:0)	Pyruvate	Proline	Histidine	Isocitrate	Phosphatidylcholine (C18:0,C22:6)	Sphingomyelin (d18:2,C17:0)
Validation study	Test set	Plasma	Dresden	Control	10273796	3.8	1.21	1.51	1.21	1.29	2.06	1.28	0.96	0.86	0.81
				Control	10273809	142.8	1.67	1.16		0.6	1.01	1.06	0.84	1.43	1.35
				Control	10273957	0.6	1.03	0.82	1.03	0.99	0.76	0.81	1.27	1.12	1.4
				Control	10273786	9.7	0.69	0.65		0.72	1.22	0.6	0.83	0.96	0.67
				Control	10273831	0.6	1.55	0.6	0.54	0.61	0.33	0.39	0.62	1.03	1.34
				Control	10273771	3.5	1.65	1.32	1.51	1.11	0.57	0.99	0.72	1.31	1.08
				Control	10273788	4.7	1.55	1.07	0.77	0.71	2.16	0.9	1.42	1.28	1.1
				Control	10273819	17.1	0.98	0.8	0.64	1.75	0.79	1.05	1.33	0.9	1.11
				Control	10273869	12	0.86	0.37	0.6	0.65	0.81	0.81	0.87	1	0.81
				Control	10273830	12.5	1.17	0.96	0.75	0.6	0.95	0.86	0.66	1.25	0.94
				Control	10273827	12.7	1.77	0.76	0.66	0.78	0.54	0.17	0.94	1.29	1.32
				Control	10273954	29.4	1.33	0.97	1	1.08	1.13	1.05	0.94	0.98	1.24
				Control	10273823	7	1.58	1.16	0.89	0.84	0.87	0.88	0.73	1.28	1.27
				Control	10273776	2.7	0.96	0.93	1.36	1.11	1.16	1.63	1.22	0.68	0.82
				Control	10273780	16.7	0.9	0.83	0.44	0.67	0.81	0.58	0.78	1.13	1
				Control	10273871	2.9	2.13	1.47	0.74	0.86	0.73	0.65	0.66	1.12	1.21
				Control	10273870	9.1	1.16	0.76	0.8	0.44	0.6	0.52	0.74	1.31	1.09
				Control	10273866	0.6	1.06	0.54	0.75	0.55	0.54	0.41	0.36	1.25	0.84
				Control	10273722	14	1.23	0.85	0.81	0.8	0.99	0.73	1.35	1.07	0.91
				Control	10273845	7.1	1.78	0.92	0.67	0.82	0.72	0.83	0.86	1.25	1.11
				Control	10273761	8.2	0.61	0.55	1.33	0.86	1.29	0.89	0.95	1.06	0.9
				Control	10273764	23.1	1.22	0.8	0.85	0.67	1.19	0.65	1.28	1.01	1.01
				Control	10273794	10.9	0.8	1.05	1.18	0.99	1.95	1.3	1.18	1.16	0.66
				Control	10273868	8.8	1.82	0.74	0.53	0.79	0.65	0.68	0.79	1.55	1.16
				Control	10273813	8.3	1.63	1.01	0.56	0.42	0.91	0.61	2.3	1.31	1.43

				Control	10273836	2.6	0.94	0.84	0.35	0.33	1.51	0.73	0.55	1.2	1.15
				Control	10273825	5.5	1.48	1.18	1.01	1	1.23	1.2	1.09	1.38	1.23
				Control	10273734	0.6	1.58	0.85	1.05	0.86	1.56	0.86	1.57	1.03	1.08
				Control	10273934	5.8	1.1	0.62	0.71	0.78	1.08	0.65	1.71	0.84	0.99
				Control	10273784	13.7	1.15	1.53	0.77	0.88	0.64	0.72	0.83	1.07	0.92
				Control	10273740	8.6	0.81	0.83	0.77	0.59	0.93	1.29	1.09	1.1	0.83
				Control	10273791	0.6	2.2	1.2	0.45	0.67	0.99	1.29	1.1	1.31	1.31
				Control	10273756	4.9	0.83	1.13	1.26	1.11	1.15	1.33	1.25	1	0.98
				Control	10273785	19.1	1.23	0.89	2.04	1.18	0.72	0.85	0.75	0.88	1.3
				Control	10273800	29.1	0.51	0.45	1.39	0.91	0.88	1.02	0.93	0.63	0.53
				Control	10273938	0.6	1.56	0.75	0.93	0.77	0.74	1.19	1.61	1.23	1.19
				Control	10273828	2.3	1.1	0.95	1.06	0.75	0.77	1.43	0.79	1.14	0.85
				Control	10273841	10.1	1.69	0.95	0.62	0.76	0.53	0.79	1.03	1.14	1.23
				Control	10273724	4.3	1.12	0.7	0.81	0.62	0.95	0.66	1.18	1.11	1.31
				Control	10273834	2.5	1.04	0.83	0.63	0.46	0.48	0.98	0.28	0.97	1.08
				Control	10273808	0.6	2.11	1.25		0.63	0.78	1.22	0.91	1.09	1.4
				Control	10273948	18.3	1.67	0.82	0.94	0.94	0.68	0.81	1.32	1.59	1.21
				Control	10273781	8.3	2.52	1.39	1.2	1.01	0.93	0.78	1.29	1.21	1.75
				Control	10273765	0.6	1.98	1.06	1.47	1.18	0.74	0.86	0.92	1.4	1.33
				Control	10273803	15.8	1.3	0.89	1.18	1.3	0.92	0.95	0.86	1.35	1.14
				Control	10273952	6.1	0.75	1.03	1.12	0.92	0.85	1.13	1	0.63	0.89
				Control	10273759	9.1	1.43	1.43	1.09	0.84	1.14	0.92	0.95	0.88	1.1
				Control	10273806	7.1	1.98	1.05	1.45	0.68	0.84	0.85	0.68	1.25	1.06
				Control	10273725	0.6	1.63	0.76	0.88	0.99	0.79	0.66	0.87	1.22	1.3
				Control	10273802	25.9	1.65	1.13	1.11	1.29	1.15	1.65	1.81	0.9	1.22
				Control	10273747	11.8	2.22	0.88	0.37	0.48	0.81	0.72	0.94	0.98	1.65
				Control	10273873	17.2	0.89	0.86		0.73	2.1	1.28	1.05	0.78	1.18
				Control	10273811	0.6	1.37	1	0.62	0.69	1.03	0.92	1.14	0.9	1.05
				Control	10273829	19.4	1.63	0.96	2.19	1.01	0.74	0.82	1.22	0.82	1.36
				Control	10273723	7.6	1.1	0.67	1.26	0.88	0.75	0.62	0.79	1.28	0.97
				Control	10273824	0.6	1.1	1.11	0.76	0.59	0.91	0.78	0.72	1.29	0.96
				Control	10273844	4.5	1.57	1.61	0.93	0.94	0.9	1.66	0.9	1.04	1.28
				Control	10273835	7.1	1.71	1.02	0.55	0.64	0.77	0.88	1.22	1.37	1.57

				Control	10273738	10.1	1.63	1.38	0.9	0.99	0.6	1.11	1	1.14	1.18
				Control	10273746	12.5	1.5	1.04	0.96	0.99	1.51	0.7	1.39	1.12	1.17
				Control	10273805	35	1.01	0.97	0.71	0.9	1.03	1.3	0.9	1.21	0.98
				Control	10273820	4.7	0.94	0.54	0.8	0.61	0.46	0.87	1.05	0.97	1.11
				Control	10273770	2.6	1.54	1.04	0.58	0.34	0.66	0.77	0.48	1.27	1.2
				Control	10273801	7.3	1.1	0.8	0.65	0.38	0.45	0.75	0.88	1.04	1.17
				Control	10273862	639.9	1.54	0.72	0.42	0.95	0.6	0.82	1.7	1.43	1.3
				Control	10273876	16.7	1.28	1.34	1.18	0.8	0.87	1	1.14	1.14	0.82
				Control	10273960	8.4	1.39	0.54	0.81	1.36	1.13	0.56	0.79	0.74	1.3
				Control	10273959	11.9	1.51	0.8	0.7	0.71	1.51	0.54	0.97	1.16	1.12
				Control	10273858	10.1	1.75	1.66		0.91	0.75	1.02	1.14	1.28	1.24
				Control	10273750	4	1.51	1.41	0.85	0.82	1.3	0.96	1	1.19	1.2
				Control	10273752	14.5	1.28	1.31	1.02	0.77	0.63	0.85	0.92	1.16	1.13
				Control	10273955	39.7	1.37	0.79	0.6	1.22	0.96	0.59	1.04	0.97	1.37
				Control	10273815	0.7	1.43	1.01	0.93	0.71	0.87	0.78		1.23	1.64
				Control	10273847	6.4	0.96	0.57	1.38	0.97	1.36	0.77	0.9	1.24	1.03
				Control	10273745	5.3	1.42	1.16	1.16	0.57	1	1.1	0.87	0.97	0.88
				Control	10273799	0.6	1.77	1.16	1.29	1.08	0.75	0.89	1.14	1.16	1.45
				Control	10273953	10	1.25	1.35	0.94	0.99	0.64	0.74	0.84	1.48	1.1
				Control	10273755	123	1.65	0.64		0.86	0.67	0.68	0.92	1.2	1.06
				Control	10273768	5.2	1.27	0.52	0.65	0.59	1.34	1.07	0.96	1.33	1.42
				Control	10273731	27.3	1.43	0.86	0.87	1	0.8	0.61	0.69	1.25	0.97
				CP	10273945	7.6	1.11	1.42	1.24	0.57	1.16	1.4	0.86	1.03	0.88
				CP	10273749	7.2	0.65	0.53	1.03	0.42	0.93	1.23	0.84	1.24	0.85
				CP	10273804	0.6	0.99	1.08	0.44	0.52	0.58	0.63	0.7	1.26	1.17
				CP	10273727	0.6	1.2	0.78	1.04	0.74	0.72	0.81	1.05	1.22	0.87
				CP	10273838	8.2	1.7	1.32	1.05	0.84	0.63	0.77	0.82	1.26	1.6
				CP	10273789	0.6	1.01	1.11	0.6	0.94	4.3	1.99	1.11	1.31	1.13
				CP	10273865	5.7	1.45	0.94	1.12	1.02	1.06	1.22	1.03	1.33	0.86
				CP	10273915	9.6	1.05	1.48	1.01	0.89	1.39	0.73		0.83	0.57
				CP	10273921	3.9	0.7	1.45	0.72	0.65	1.45	1.13	1.03	0.77	0.64
				CP	10273918	3.4	0.79	0.85	1.06	0.69	0.67	1.14	0.91	0.78	0.79
				CP	10273900	0.8	1.38	0.51	1.11	0.87	0.56	0.56	1.91	1.54	1.25

				CP	10273762	40.3	0.35	0.34	0.62	0.4	0.64	0.27	0.57	0.5	0.46
				CP	10273849	0.6	1.57	1.02	1.09	1.02	1.01	0.91	1.14	1.23	1.37
				CP	10273903	19.1	0.62	1.09	1.19	0.89	0.79	0.81	0.85	1.36	0.49
				CP	10273909	7.2	1.19	1	0.71	0.68	0.56	0.58	0.72	1.35	0.88
				CP	10273767	15.1	1.47	1.89	1.11	1.06	0.73	0.74	1.17	0.67	1
				CP	10273864	14.1	1.01	0.82	1.42	0.92	0.6	0.41	0.57	1.15	0.58
				CP	10273795	4.7	1.57	1.31	1.57	0.89	0.94	1.33	0.95	0.98	1.05
				CP	10273846	12.9	1.34	1.7	0.8	0.63	1.77	0.91	0.59	0.54	0.91
				CP	10273882	4.8	1.26	1.13	1.1	0.7	0.84	0.85	0.85	1.06	1.11
				CP	10273773	7.7	0.83	0.49	0.96	0.95	1.63	0.86	0.72	0.99	0.62
				CP	10273736	6.1	0.56	0.98	0.52	0.85	0.93	1.09	1.24	0.9	0.67
				CP	10273832	134.5	0.37	0.86	0.31	0.35	0.84	0.71	0.91	0.7	0.68
				CP	10273814	15.7	0.91	0.6	0.69	0.68	1.01	1.07	0.98	0.92	1.24
				CP	10273821	51.3	1.76	1.53		0.79	0.67	0.62	0.98	1.1	0.63
				CP	10273907	109.2	1.31	0.65	0.99	0.78	1.22	1.15	1.05	0.91	1.25
				CP	10273742	3.3	0.85	0.31	0.91	0.88	0.98	0.71	1.42	0.69	0.93
				CP	10273861	238.1	1.28	0.51	0.69	0.93	0.63	0.67	0.79	0.97	0.65
				CP	10273893	5.6	0.69	1.06	1.06	0.82	1.44	0.94	0.84	0.85	0.61
				CP	10273919	8.9	0.97	0.85	1.11	0.74	1.14	0.74	0.44	0.87	0.61
				CP	10273852	52.5	0.41	2.51		0.62	1.09	1.11	0.74	0.96	0.49
				CP	10273783	40.3	1.06	0.97	1.28	0.57	0.63	0.92	0.43	0.75	0.77
				CP	10273798	17	1.21	1.13	0.66	0.6	1.54	1.04	1.07	1.03	1.04
				CP	10273817	9.4	0.45	0.83	1.15	0.75	0.62	0.73	0.79	1.04	0.71
				CP	10273790	3.2	1.89	0.86	0.89	0.86	0.85	0.74	1.73	1.32	1.76
				CP	10273859	14.7	0.65	0.9	1.12	0.64	0.74	1	0.74	0.84	0.71
				CP	10273735	16.3	0.71	0.94	1.26	0.97	0.59	0.89	1.18	0.81	0.64
				CP	10273901	11.8	0.79	0.8	0.54	0.47	0.79	0.94	0.48	0.77	0.61
				CP	10273843	9	1.7	1.38	1.24	0.91	1.13	0.96	1.05	1.33	1.41
				CP	10273822	6.4	1.31	0.9	1.14	0.94	0.79	1.07	0.58	1.07	1.29
				CP	10273848	4	0.78	1.4		0.84	1.25	1.01	0.74	0.99	0.65
				CP	10273906	5.4	0.65	0.79	1.26	0.97	0.79	0.53	0.79	1.28	0.55
				CP	10273912	59.4	1.01	0.89	0.91	0.67	0.84	0.84	0.85	1.19	0.85
				CP	10273826	61.9	0.64	1.37	0.65	0.78	0.82	1.23	1.17	1.48	0.62

				CP	10273910	8.4	0.75	0.83	0.97	0.61	0.64	0.66	0.64	0.95	0.68
				CP	10273810	0.6	0.66	0.59	0.18	0.75	0.51	0.52	0.31	0.52	0.54
				CP	10273754	4.9	0.66	0.76	0.63	0.67	1	0.94	0.89	1	0.84
				CP	10273936	29.8	0.82	1.4	0.96	0.77	0.91	0.9	1.16	1.24	0.85
				CP	10273874	6.5	1.8	1.08	1.16	0.93	1.01	1.21	1.23	1.16	1.15
				CP	10273757	0.6	0.52	1.06	0.69	0.52	1.56	0.89	1.07	0.63	0.67
				CP	10273777	12.6	0.67	1.34	0.49	1.37	1.45	0.78	0.98	1.1	0.68
				CP	10273949	13.6	1.47	1.05	1.04	0.65	1.12	0.83	0.9	0.77	1.19
				CP	10273778	43.6	0.85	1.34	1.25	0.54	0.73	0.75	1.02	1.12	0.62
				CP	10273877	160.9	0.7	0.41	1.26	0.44	0.84	0.68	0.96	0.6	0.67
				CP	10273737	52.8	0.47	0.65	0.73	0.72	0.87	1.03	0.67	0.73	0.7
				CP	10273775	11.8	0.67	0.61	1.2	0.87	0.98	0.93	0.99	0.77	0.84
				CP	10273886	11.8	1.21	1.19	1.13	0.92	0.94	0.87	0.9	1.02	0.95
				CP	10273760	50.2	0.49	1.08	0.98	0.66	1.42	0.68	1.5	1.09	0.74
				CP	10273818	21.8	0.43	0.65		0.79	1.51	1.46	1.02	0.8	0.78
				CP	10273939	5.6	0.54	0.9	0.73	0.53	1.33	1.31	1	0.74	0.86
				CP	10273913	73.6	1.34	1.29	0.64	0.77	0.52	0.88	0.53	1.25	1.04
				CP	10273812	8.5	1	1.03	0.57	1.06	0.57	0.9	1	1.33	0.92
				CP	10273732	14.6	1.34	0.79	1.76	0.92	0.91	0.66	0.73	1	1.09
				CP	10273816	5.1	1.04	0.79	0.73	0.64	0.47	0.83	0.9	1.11	1.09
				CP	10273920	10.1	0.93	0.9		0.74	0.88	0.93	0.87	1.07	0.84
				CP	10273878	35.1	0.93	2	0.72	0.75	0.67	0.89	0.66	1.22	0.96
				CP	10273753	7.9	0.77	0.87	0.85	0.62	0.9	0.91	0.84	0.84	0.92
				CP	10273733	6.2	1.2	1.16	1.4	1	0.91	1.02	0.85	1.03	1.07
				CP	10273766	40.2	1.09	0.75	1.1	0.8	1.48	0.8	0.68	0.75	1.07
				CP	10273880	7.1	2.56	0.66	1.06	0.71	0.65	0.72	1.14	1.24	1.58
				CP	10273926	4.5	1.71	2.05	0.76	0.81	1.09	1.18	0.82	1.05	1.29
				CP	10273842	4.3	0.91	0.71	0.45	0.57	1.04	0.9	0.45	1.08	0.8
				CP	10273850	70.3	0.47	0.52		0.8	0.64	0.59	1.57	0.55	0.53
				CP	10273881	67.4	1.05	1.27	0.52	0.64	0.86	0.74	0.63	1.04	0.84
				CP	10273787	3.5	0.64	0.54	1.65	0.78	0.89	0.96	0.75	0.77	0.74
				CP	10273751	2.9	0.81	1.49	0.5	1.03	0.96	1.16	0.88	0.99	0.59
				CP	10273833	8.3	0.87	0.75	0.39	0.64	1.15	0.41	0.78	1.26	0.84

				CP	10273908	51.7	2.07	0.92	0.61	0.58	0.5	0.54	1.12	1.35	1.21
				CP	10273875	20.7	1.48	1.28		0.8	0.73	0.48	1.04	0.62	0.95
				CP	10273763	0.6	0.53	0.96		0.67	0.69	1.17	1.37	0.83	0.69
				PDAC	10273793	215.3	1.41	0.64	1.17	0.89	0.56	0.7	1.56	0.99	0.98
				PDAC	10273898	31	1.34	0.91	0.78	0.95	0.56	0.71	0.75	1.28	1.48
				PDAC	10273947	81.5	1.24	0.55	0.92	0.75	0.72	0.72	0.72	1.28	1.03
				PDAC	10273772	5374	1.41	0.58	1.12	1	0.67	0.58	1.12	1.04	1.38
				PDAC	10273872	10.7	1.22	1.46	0.93	0.83	0.77	0.79	0.84	0.96	0.86
				PDAC	10273729	36.3	1.41	0.57		0.55	1.18	0.91	1.37	1.16	1.13
				PDAC	10273950	265.3	0.94	0.48	1.01	0.76	0.65	0.71	1.02	0.72	0.78
				PDAC	10273932	184.1	1.91	1.04	1.36	0.65	0.38	0.48	1.33	1.27	1.15
				PDAC	10273857	145.8	1.31	0.72	1.16	0.87	0.91	0.91	1.06	1.38	1.1
				PDAC	10273853	68.2	1.9	0.4	0.58	0.63	0.47	0.62	1.66	1.53	1.51
				PDAC	10273748	2939	1.35	0.5	0.68	1.26	0.99	0.74	1.35	0.84	1.16
				PDAC	10273856	192.5	0.94	0.93	0.96	0.9	0.67	0.69	1	0.98	1
				PDAC	10273860	1614	1.98	0.64	1.08	0.91	0.79	0.47	0.96	1.62	1.29
				PDAC	10273922	4465	1.73	0.77	0.53	0.36	0.44	0.43	0.56	1.1	0.87
				PDAC	10273958	0.7	1.59	0.47	0.71	0.65	0.55	0.6	1.32	1.69	1.42
				PDAC	10273888	493.4	1.81	1.37	0.73	0.77	0.68	0.81	1.03	0.93	1.72
				PDAC	10273837	87.6	1.83	0.8	0.45	0.55	0.52	0.7	0.75	1.46	1.06
				PDAC	10273902	322.9	1.96	0.88	0.69	0.83	0.55	0.54	0.8	1.26	1.64
				PDAC	10273867	4570	1.2	0.74		0.79	0.69	0.71	0.66	1.1	0.85
				PDAC	10273944	48.4	1.37	0.83		0.82	0.6	0.78	1.41	1.17	1.42
				PDAC	10273892	282.2	1.09	0.89	0.86	0.62	0.6	0.54	0.72	1.18	0.81
				PDAC	10273792	6.4	1.84	0.64	0.88	0.58	0.67	0.6	1.87	0.94	1.36
				PDAC	10273769	569.7	1.48	0.85	1.18	0.82	0.96	0.65	0.93	1.16	1.54
				PDAC	10273797	52.1	1.4	0.31		0.78	0.63	0.67	0.75	1	1.16
				PDAC	10273899	501.2	0.77	0.72	0.36	0.84	0.68	0.73	1.07	1.27	0.85
				PDAC	10273933	23.5	1.8	0.68	0.69	0.7	0.59	0.54	0.78	1.36	1.29
				PDAC	10273937	668.3	1.25	0.83	0.44	0.81	0.51	0.53	0.73	1.4	1.62
				PDAC	10273935	54.8	3.48	0.67	0.7	0.9	0.67	0.45	0.96	1.4	1.6
				PDAC	10273739	468.3	1.19	0.85	0.97	0.98	0.71	0.68	1.09	1.34	0.83
				PDAC	10273730	72.3	2.24	0.86	1.13	1.08	0.54	0.77	1.7	0.97	1.62

				PDAC	10273916	0.8	1.41	0.63	0.43	0.94	0.64	0.44	1.16	1.19	1.31
				PDAC	10273728	34.3	1.15	0.25	0.49	0.51	0.67	0.33	0.51	1.14	1
				PDAC	10273914	86.2	3.33	0.64	0.54	0.91	0.6	0.67	1.07	1.27	1.79
				PDAC	10273904	2743	3.02	0		0.99	0.88	0.94	1.79	0.99	1.81
				PDAC	10273927	512.8	1.62	0.3	0.39	0.56	0.83	0.85	1.97	1.32	1.23
				PDAC	10273774	172.3	1.57	1.22		0.63	0.56	0.61	1.07	0.8	0.76
				PDAC	10273896	0.6	1.51	0.83	1.27	0.8	0.73	0.91	1.21	1.3	1.22
				PDAC	10273928	24.8	1.67	0.39	0.86	1.19	1.4	0.82	1.25	1.36	1.09
				PDAC	10273855	34.8	1.95	1.08		0.75	0.6	0.66	0.68	1.16	1.4
				PDAC	10273929	507	2.06	1.04		0.45	0.53	1.22	1.23	0.7	1.07
				PDAC	10273891	3790	2.73	0		0.6	0.61	0.6	0.77	0.84	1.23
				PDAC	10273925	6.3	1.39	0.89		0.45	0.47	0.76	0.69	1.1	1.12
				PDAC	10273883	27.6	1.69	1.31	0.45	0.94	0.76	0.53	0.84	0.85	1.2
				PDAC	10273895	1401	1.41	1.55	0.99	0.93	0.97	0.85	0.91	1.44	1.26
				PDAC	10273924	163.3	0.85	0.74		1.04	0.61	0.77	0.93	1.37	1.01
				PDAC	10273744	7.6	1.73	0.79	0.76	0.59	0.73	0.96	0.69	1.3	1.44
				PDAC	10273879	66.1	1.48	0.64	0.66	0.84	0.69	0.77	1.25	1.24	0.77
				PDAC	10273930	923.5	1.06	0.48		0.49	0.52	0.35	0.76	1.3	0.99
				PDAC	10273931	635.9	1.15	1.32	1.43	0.86	0.69	0.58	1.11	0.76	0.78
				PDAC	10273851	1796	1.99	0.87	0.69	0.97	0.64	0.64	1.43	1.25	1.2
				PDAC	10273956	89	0.96	0.4	0.41	0.46	1.07	0.37	0.42	1.3	0.63
				PDAC	10273905	326.3	1.48	0.6	0.63	0.82	1.41	0.96	1.08	1.23	0.9
				PDAC	10273894	9.2	1.99	1.36	0.91	1.19	0.84	0.71	0.99	0.77	1.16
				PDAC	10273863	1.9	1.15	1.02	1.03	1.03	0.92	0.8	1.45	1.14	1.01
				PDAC	10273726	14.1	2.47	0.76	1.31	0.7	0.54	0.81	1.18	1.02	1.63
				PDAC	10273884	464.2	1.38	1.02	0.68	1.18	0.68	0.75	0.78	1.04	1.04
				PDAC	10273951	122.3	0.8	1.15	0.5	0.76	1	0.81	0.87	1.24	1.29
				PDAC	10273839	7062	0.95	0.62	0.71	0.72	0.99	0.84	0.93	1.03	0.85
				PDAC	10273923	1116	1.73	0.67	0.53	0.67	0.75	0.69	1.26	0.88	1.18
				PDAC	10273897	19628	1.02	0.72	0.79	1.11	0.42	0.6	1.06	0.86	0.68
				PDAC	10273840	98060	1.81	0.62	0.79	0.87	1.1	0.77	1.6	1.24	1.12
				PDAC	10273889	946.1	1.95	0.67		0.9	0.62	0.49	1.5	1.07	1.51
				PDAC	10273779	2683	1.27	0.96		1.01	0.77	0.95	0.98	1.08	1.03

				PDAC	10273943	1044	1.52	0.79		1.01	0.55	0.74	0.89	1.24	1.23
				PDAC	10273743	269.9	1.12	0.51	1.03	0.99	0.63	0.74	0.93	1.33	0.71
				PDAC	10273758	114.3	1.06	0.61	0.95	0.55	0.57	0.71	0.99	0.89	1.59
				PDAC	10273741	309.7	1.16	0.93	0.58	0.69	1.05	0.85	1.02	1.25	0.93
				PDAC	10273885	1731	1.56	0.82	0.65	0.48	0.57	0.69	0.89	1.07	0.99
				PDAC	10273940	222.4	1.59	0.52	0.37	0.45	0.45	0.47	0.7	0.94	1.42
				PDAC	10273854	2378	0.78	0.46		0.55	0.52	0.6	0.92	1.23	0.9
				PDAC	10273911	40.9	1.03	0.28		0.66	0.53	0.35	0.97	1.24	1.01
				PDAC	10273807	8.6	1.17	0.77	0.64	0.78	1.36	1.53	1.33	1.1	1.09
				PDAC	10273942	61.7	2.3	0.58	0.68	0.73	0.55	0.55	1.08	1.04	1.22
				PDAC	10273887	35	1.73	0.77	0.42	0.52	0.63	0.61	0.81	1.49	1.51
				PDAC	10273917	255.4	1.89	0.8	0.91	0.81	1.3	0.84	0.77	1.57	0.88
				PDAC	10273782	105	1.62	0.92		0.72	1.87	0.9	0.91	1.51	0.92
				PDAC	10273941	58.8	1.49	0.72	0.61	0.64	0.54	0.64	0.87	1.39	1.55
				PDAC	10273946	678	0.89	0.54	0.75	0.67	0.75	0.77	0.75	1.06	0.95
				PDAC	10273890	0.6	1.56	1.51	1.17	0.94	0.56	0.82	1.21	0.99	0.97
Identification study	n.a.	Serum	Greifswald	BD	7914435	27.26			0.69	0.17	0.72	0.34	0.48	1.03	0.78
				BD	7914436	14.78	0.48	0.77		0.12	0.72	0.44	0.61	0.87	
				BD	7914437	7.53	0.57	0.42		0.07	0.51	0.46	0.42	1.27	
				BD	7914438	25.09				0.07	0.53	0.24	0.33	0.63	0.59
				BD	7914439	11.36	0.54	0.95		0.18	0.67	0.6	0.45	2.13	0.93
				BD	7914440	10.57	1.28	0.96	1.06	0.21	1.23	1.16	0.87	1.14	
				BD	7914441	13.9	0.78	0.8		0.12	0.59	0.67	0.73	0.96	0.92
				BD	7914442	8.12			0.98	0.14	0.55	0.38	0.41	1.44	1.16
				BD	7914443	10.86	0.7	0.66		0.24	0.47	0.35	0.34	1.35	1.36
				BD	7914444	9.97	0.79	0.72		0.4	0.68	0.33	0.39	1.23	1.07
				BD	7914445	9.06	0.95	0.7		0.09	0.45	0.4	0.6	0.83	0.95
				BD	7914446	8.34	0.99	0.55		0.12	0.67	0.34	0.36	1.38	0.96
				BD	7914447	12.16	0.63	0.66		0.17	0.62	0.34	0.41	1.9	0.6
				BD	7914448	12.57	0.47	0.91		0.4	0.94	0.43	0.45	1.51	0.74
				BD	7914449	11.04			0.81	0.44	0.58	0.39	0.32	0.96	1.06
				BD	7914450	7.18	0.63	0.85		0.17	0.62	0.61	0.48	1.26	0.48
				BD	7914451	17.47	0.45	0.89		0.38	0.71	0.49	0.71	1.08	1.16

				BD	7914452	11.12			1.42	0.24	0.82	0.57	0.72	1.33	1.27
				BD	7914453	8.15	0.43	1.08		0.22	0.61	0.33	0.27	0.93	0.47
				BD	7914454	11.22	0.89	0.62		0.22	1.05	0.45	0.28	1.33	
				BD	7914455	29.42	1.55	0.67		0.19	0.84	0.6	0.54	1.3	
				BD	7914456	16.7	0.65	0.99		0.14	0.45	0.39	0.65	1.02	
				BD	7914457	8.08	0.61	1.18		0.22	0.72	0.7	0.49	0.73	
				BD	7914458	20				0.21	1.09	0.61	0.68	0.88	0
				BD	7914459	7.4	0.99	0.89	1.01	0.3	1.09	0.62	0.48	0.91	1.23
				BD	7914460	21.81	0.94	0.82	0.85	0.21	1.01	0.6	0.78	1.12	0.9
				BD	7914461	6.82	1.2	0.71	0.78	0.24	1.22	0.57	0.68	1.25	
				BD	7914462	7.33	0.72	0.81	1.63	0.19	0.84	0.44	0.71	1.31	1.02
				BD	7914463	11.48	0.89	0.62	0.89	0.22	0.71	0.36	0.39	1.22	
				BD	7914464	8.75	0.73	0.81		0.3	0.89	0.5	0.52	1.48	0.8
				BD	7914465	16.43	0.69	0.67		0.21	0.73	0.47	0.7	1.38	
				BD	7914466	7.2			2	0.19	0.67	0.46	0.55	0.52	0.97
				BD	7914467	7.5	0.78	1.16		0.16	1.04	1.1	0.44	0.95	1.05
				BD	7914468	9.93			0.94	0.17	1.28	0.78	0.53	0.8	0.99
				BD	7914469	8.52	0.47	0.95		0.35	0.65	0.46	0.79	1.53	
				BD	7914470	10.75	0.96	0.8		0.31	1.2	0.76	0.72	1.01	1.03
				BD	7914471	9.21	1.07	1.08	1.1	0.22	0.79	0.4	0.95	1.1	0.92
				BD	7914472	9.51	0.67	0.64	1.13	0.22	0.79	0.52	0.47	0.87	1.19
				BD	7914473	7.57	0.35	0.43	0.43	0.07	0.37	0.21	0.39	0.7	
				BD	7914474	13.02	1.13	0.93		0.17	0.88	0.48	0.49	0.73	0.62
				BD	7914475	6.45	0.87	1.28		0.15	0.74	0.59	1.85	1.89	0.84
				BD	7914476	11	0.33	0.77		0.23	0.79	0.53	0.49	1.27	0.35
				BD	7914477	35.2	0.45	0.95	0.82	0.18	0.65	0.44	0.46	0.7	0.77
				BD	7914478	14.9	0.66	0.92	0.95	0.25	0.92	0.36	0.53	1	0.76
				BD	7914479	9.61	0.78	0.8	0.72	0.17	0.53	0.26	0.19	1.25	0.79
				BD	7914480	8	0.48	0.64	0.73	0.11	0.73	0.33	0.35	1.15	0.79
				BD	7914481	11.14	0.42	0.69	0.87	0.14	0.56	0.33	0.37	1.09	
				BD	7914482	9.87	0.55	0.81		0.15	0.61	0.2	0.43	1.22	
				BD	7914483	10.5				0.19	1.02	0.62	0.3	0.57	0.72
				BD	7914484	10.1	0.5	0.7	0.41	0.08	0.72	0.35	0.49	0.81	

				BD	7914485	10.67	0.62	0.6		0.25	0.61	0.45	0.41	1.51	0.93
				BD	7914486	8.85	0.45	0.52	0.42	0.12	0.69	0.39	0.33	1.89	
				BD	7914487	9.65	0.65	1.03		0.35	0.83	0.54	0.43	1.19	0.83
				BD	7914488	28.85	0.85	1.33		0.18	0.83	0.43	0.54	1.35	
				BD	7914489	22.69	0.9	0.78		0.16	0.6	0.71	2.1	1.42	1.17
				BD	7914490	9.48			0.63	0.14	1.06	0.59	0.3	0.73	
				BD	7914491	11.54				0.24	0.96	0.41	0.57	0.5	
				BD	7914492	12.25	0.59	0.57		0.21	0.68	0.47	0.8	1.25	
				BD	7914493	9.77	0.56	0.7		0.13	0.64	0.52	0.52	1.15	
				BD	7914494	5.59				0.3	1.18	1.27	0.96	1.77	1.16
				BD	7914495	9.93	0.88	0.75		0.19	0.8	0.66	0.5	1.07	
				BD	7914496	9.68				0.17	0.75	0.81	0.72	1.59	0.79
				BD	7914497	10.36	0.52	0.76		0.38	0.64	0.34	0.58	0.42	
				BD	7914498	7.49	1.58	1.09	0.1	0.16	0.75	0.59	0.33	1.43	1.14
				BD	7914499	9.68	1.12	0.9		0.25	0.63	0.53	0.56	1.47	1.28
				BD	7914500	10.7	0.93	0.62		0.21	0.71	0.49	0.63	1.23	1.4
				BD	7914501	6.97	0.64	0.73		0.15	0.78	0.46	0.59	1.34	0
				BD	7914502	20.02	0.57	0.62	0.86	0.2	0.89	0.37	1.18	1.26	0.96
				BD	7914504	10.44	0.88	0.8		0.24	1.16	0.79	0.55	1.16	0.89
				BD	7914505	23.49	0.68	0.51	0.47	0.14	0.45	0.24	0.32	1.38	1.01
				BD	7914506	5.26	0.51	0.46		0.11	0.46	0.29	0.23	0.81	0.67
				BD	7914507	12.25			1.19	0.27	0.84	0.67	0.74	1.24	1.56
				BD	7914508	14	0.72	0.64	0.89	0.2	0.95	0.59	1.2	1.28	
				BD	7914510	9.47	1.02	0.6		0.22	0.73	0.64	0.68	0.7	0.67
				BD	7914511	11.95	0.92	0.79		0.19	0.52	0.52	0.6	0.54	1.05
				BD	7914512	7.44	0.66	0.75	0.64	0.22	1.07	0.65	0.45	0.73	0.42
				BD	7914513	20.82			0.97	0.13	0.54	0.29	0.72	1.25	0.76
				CP	7914195	29.17	2.31	1.86	1.68	0.76	3.51	1.41	1.04	1.45	1.3
				CP	7914196	29.85	1.18	1.39	1.55	4.53	3.28	4.55	1.75	1.44	0.95
				CP	7914197	35.33	0.74	0.59	1.06	0.3	2.31	1.49	0.93	1.09	
				CP	7914198	37.85	0.91	1.1	0.04	1.24	14.83	15.79	1.52	0.62	
				CP	7914199	200.69	0.75	0.74	0.47	0.16	1.77	1.98	0.75	0.55	
				CP	7914200	40.88	1.28	0.59	1.04	0.39	0.97	1.6	0.88	1.11	

				CP	7914201	19.78	0.77	0.56	1.11	0.13	1.33	1.67	0.43	2.46	0.89
				CP	7914202	17.37	0.56	1.01	0.95	0.05	0.6	1.09	0.36	0.61	0.39
				CP	7914203	25.86	0.18	0.87	0.49	0.02	0.17	0.07	0.13	0.43	0.32
				CP	7914204	9.89	2.03	1.09	0.82	0.2	1.54	1.17	1.29	1.3	1.45
				CP	7914205	41.08	0.72	0.83	2.41	0.13	1.4	1.83	0.76	1.07	0.51
				CP	7914206	12.9	0.59	1	1.34	0.16	1.05	0.95	0.66	1.43	0.65
				CP	7914207	74.82	0.46	0.37	0.54	0.02	0.37	0.47	0.12	0.47	0.3
				CP	7914208	38.28	1.41	1.52	1.88	0.14	1.04	2.02	0.7	1.9	1.16
				CP	7914209	7.19	0.96	1.23	1.94	0.24	1.77	1.87	1.15	1.17	0.87
				CP	7914210	24.65	1.06	0.9	1.09	0.1	1	1.28	0.82	1.84	0.64
				CP	7914211	1123.6	0.53	1.24	0.69	1.56	3.23	3.98	1.04	0.68	
				CP	7914212	57.15	0.66	0.92	1.33	0.17	1.57	1.45	0.9	0.87	
				CP	7914213	30.96	0.46	1.33	0.78	0.45	1	1	0.74	0.56	
				CP	7914214	36.17	0.81	1.21	1.05	0.2	1.27	1.04	0.68	0.72	
				CP	7914215	56.86	1.05	0.91	1.42	0.3	0.91	1.46	0.61	0.83	
				CP	7914216	19.75	0.44	0.62	0.6	2.18	1.68	1.78	0.67	1.04	
				CP	7914217	7.7	0.77	0.72	1.89	0.71	1.18	1.68	1.52	0.62	0.92
				CP	7914218	33.36	0.21	0.73	0.77	0.35	1.16	0.48	0.4	1.43	0.17
				CP	7914219	98.22	0.51	0.87	1.46	1.03	2.4	2.87	0.84	1.66	1.43
				CP	7914220	40.08	1.15	1.03	0.84	0.25	2.61	1.85	0.83	0.63	1.13
				CP	7914221	50.49	0.65		0.51	3.16	1.13	1.35	0.93	0.6	0.98
				CP	7914222	11.63	0.97	0.68	1.41	3.03	1.76	1.54	0.71	1.19	1.45
				CP	7914223	9.49	0.87	0.88	0.88	0.47	0.78	0.57		1.13	0.78
				CP	7914224	5.71	1.95	0.92	1.13	0.25	0.97	1.01	0.94	1.24	1.98
				CP	7914225	518.76	1.87	1.99	1.36	0.33	0.65	0.71	0.59	1.24	1
				CP	7914226	7.66	0.83	0.97	1.69	0.17	0.8	1.12	0.89	1.54	0.73
				CP	7914227	61.63	2.43	1.15	1.79	0.55	1.54	1.16	0.96	0.91	1.62
				CP	7914228	25.89	2.57	1.36	3.21	2.51	1.04	1.57	0.99	1.94	
				CP	7914229	48.09	0.6	0.99	1.9	0.15	1.32	1.43	0.52	0.75	
				CP	7914230	34.12	0.48	1.02	1.56	2.21	1.12	1.37	1.08	1.97	
				CP	7914231	36.36	0.44	0.56	2.79	4.16	1.83	2.34	1.01	0.92	
				CP	7914232	26.69	0.54	0.68	1.35	1.53	0.92	1.15	0.62	1.26	
				CP	7914233	18.05	0.93	1.58	2.1	5.97	1.68	3.42	1.34	0.82	

				CP	7914234	22.7	0.47	0.31	0.37	0.07	1.49	1.51	1.36	1.29	0.49
				CP	7914235	16.1	0.47	1.48	1.67	0.32	1.85	0.62	0.53	0.72	0.5
				CP	7914236	33.34	1.05	1.02	1.29	0.32	0.81	0.89	0.58	1.98	0.87
				CP	7914237	9.73	0.86	1.25	1.01	0.14	1.16	1.07	0.6	1.26	0.99
				CP	7914238	11.12	0.85	1.15	0.87	0.39	1.1	0.65	0.68	1.58	1.07
				CP	7914239	10.2	0.42	0.84	0.69	0.3	1.33	1.49	0.72	1.52	0.41
				CP	7914240	39.09	0.92	0.61	0.44	0.45	1.19	0.89	0.6	1.3	1.31
				CP	7914241	10.3	0.89	0.67	1.61	0.42	1.47	1.32	3.02	0.8	1.3
				CP	7914242	20.18	1.18	0.72	1.6	1.29	1	1.21	0.75	1.59	
				CP	7914243	8.05	1.8	1.12	0.97	0.28	1.3	1.44	0.73	1.37	1.11
				CP	7914244	7.91	1.74	0.99	1.58	2.16	3.17	1.78	0.85	0.86	1.54
				CP	7914245	13.55	1.07	0.81	1.1	0.48	3.46	2.52	1.12	2.04	
				CP	7914246	53.4	1.51	1.38	2.25	4.28	1.75	2.78	1.2	0.75	
				CP	7914247	13.04	0.52	0.84	0.69	2.69	0.97	1.15	1.09	1.03	
				CP	7914248	11.39	3.11	1.28	1.38	0.42	1.11	1.39	0.98	1.81	
				CP	7914249	209.32	0.37	0.78	0.65	5.58	1.52	1.78	1.07	0.78	
				CP	7914250	23.81	1.04	1.01	1.47	0.31	1.11	1.28	0.67	1.3	1.22
				CP	7914251	23.19	0.44	0.39	1.27	2.31	2.19	2.05	2.35	0.68	0.74
				CP	7914252	6.59	1.79	0.91	1.32	4.48	0.95	2.14	1.2	1.63	1.72
				CP	7914253	35.1	2.09	0.93	3.97	4.89	1.01	2.18	0.74	1.53	1.94
				CP	7914254	18.99	0.69	0.79	1.54	1.14	1.59	1.3	0.51		0.71
				CP	7914255	12.11	1.18	1.4	1.6	16.86	2.28	2.87	1.24	1.2	0.83
				CP	7914256	27.37	0.74	1.07	1.12	0.57	1.33	1.15	0.97	2.3	1.05
				CP	7914257	6.34	1.91	1.54	1.38	0.38	0.59	0.58	0.54	1.3	1.52
				CP	7914258	12.57	0.82	1.28	0.76	0.23	1.28	1.35	0.56	1.29	0.5
				CP	7914259	48.85	0.48	0.87	1.35	0.65	1.94	1.79	0.68	1.22	0.81
				CP	7914260	11.9	1.2	0.63	0.64	0.37	1.74	0.99	0.44	0.89	1.23
				CP	7914261	13.79	2.75	0.89	0.76	0.46	1.22	1.08	0.73	2.31	
				CP	7914262	19.53	0.75	1.2	3.1	0.29	1.27	0.97	0.82	0.92	
				CP	7914263	7.29	1.06	1.04	0.83	0.24	1.23	0.95	0.51	0.82	
				CP	7914264	18.56	1.13	1.23	1.09	0.13	1.34	1.42	0.98	1.27	
				CP	7914265	5.88	0.39	0.81	1.68	0.79	1.26	1.13	0.75	1.03	
				CP	7914266	30.49	1.36	0.88	0.54	0.33	0.63	0.52	0.43	1.33	

				CP	7914267	452.1	1.39	0.81	2.23	0.3	0.98	0.97	0.46	0.8	1.29
				CP	7914268	26.86	0.37	0.75	1.78	0.47	2.12	1.51	1.18	0.77	0.81
				CP	7914270	62.81	1.12	1.08	1.2	0.22	0.94	0.66	0.55	1.21	1.27
				CP	7914271	18.56	1.04	0.76	2.09	0.41	1.76	1.3	0.66	1.14	1.05
				CP	7914272	82.37	1.35	0.83	1.22	0.27	0.91	0.72	0.75	1.53	1.35
				CP	7914273	113.04	0.44	1.08	0.85	0.63	1.01	0.88	0.83	0.96	0.8
				CP	7914274	35.71	1.31	0.77	1.67	0.26	1.13	0.77	0.81	0.98	1.12
				LC	7914275	81.97	0.7	0.49	1.23	0.33	1.05	0.84	1.21	1.26	1.01
				LC	7914276	11.29	0.42	0.61	1.2	0.21	1.14	0.9	0.87	0.9	0.43
				LC	7914277	34.43	1.42	1.24	2.81	0.44	1.4	1.48	1.08	1.17	1.19
				LC	7914278	13.4	1.02	0.51	1.08	0.18	1.06	0.99	0.9	1.27	1.06
				LC	7914279	29.52	0.62	0.86	2.12	2.92	2.71	2.13	0.66	1.2	0.77
				LC	7914280	15.79	0.57	0.56	1.69	1.05	1.89	1.16	1.11	1.03	0.75
				LC	7914281	15.42	0.82	0.85	1.23	1.81	1.48	1.69	0.82	2.03	
				LC	7914282	24.46	0.53	0.5	0.4	0.2	0.74	0.65	1.03	0.75	0.79
				LC	7914283	45.42	0.74	0.66	0.48	0.35	0.6	0.43	0.43	0.96	0.75
				LC	7914284	8.77	0.69	0.76	2.03	0.13	1.3	1.32	0.73	1.35	0.69
				LC	7914285	56.37	1.19	1.13	0.67	0.2	1.09	0.84	0.76	1.06	
				LC	7914286	20.32	0.67	0.61	0.71	0.55	1.32	0.92	0.68	1.66	
				LC	7914287	8085.5	1.16	0.7	0.59	0.54	0.72	0.86	0.59	0.92	
				LC	7914288	13.33	1.19	0.73	0.64	0.28	1.54	1.53	1.41	2.41	
				LC	7914289	29.42	0.69	0.42	0.53	0.22	1.14	1.27	0.77	0.84	
				LC	7914290	91.88	2.04	1	0.41	0.3	1.18	0.9	1.07	0.9	
				LC	7914291	35.27	0.7	0.59	1.1	0.27	2.41	1.41	0.94	0.83	1.01
				LC	7914292	25.99	0.41	0.41	0.38	0.23	0.99	0.75	0.83	0.37	0.58
				LC	7914293	15.09	0.7	0.61	0.72	0.37	1.96	0.94	1.34	1.31	0.78
				LC	7914294	21.92	0.51	0.53	0.96	0.33	1.81	1.19	0.92	1.83	1.43
				LC	7914295	34.43	0.21	0.31	0.54	0.32	1.26	0.87	1.12	0.53	0.57
				LC	7914296	32.48	0.48	0.55	0.85	0.17	1.21	0.84	1.94	1.39	0.48
				LC	7914297	21.38	1.39	1.17	0.6	0.3	1.2	1.09	0.87	1.11	1.13
				LC	7914298	10.28	0.98	0.84	0.9	0.12	0.74	0.93	0.67	1.67	1.33
				LC	7914299	6.44	1.67	0.89	0.74	0.25	1.1	0.68	0.7	1.52	1.79
				LC	7914300	12.78	2.13	1.24	1.89	0.49	1.73	0.99	1.34	2.09	0.94

				LC	7914301	7.69	1.24	0.74	0.7	0.19	0.51	0.46	0.62	1.24	
				LC	7914302	61.67	1.4	1.3	1.08	0.19	1.03	1.04	0.63	0.73	
				LC	7914303	22.91	0.67	0.38	0.36	0.39	0.83	0.84	0.91	2	
				LC	7914304	16.15	1.84	0.95	0.59	0.12	0.71	0.98	0.8	1.32	
				LC	7914305	44.61	2.33	1.62	1.09	0.24	1.03	1.48	0.76	1.14	
				LC	7914306	21.51	0.59	0.46	0.89	0.41	1.14	2	0.8	0.7	
				LC	7914307	5.81	2.57	1.06	0.59	2.43	1.5	1.31	1.41	1.13	2.53
				LC	7914308	113.07	0.82	0.5	4.39	2.86	1.62	1.96	2.12	0.44	0.9
				LC	7914309	29.81	1.49	0.63	1.69	0.37	0.92	1.04	1.05	1.18	1.3
				LC	7914310	10.17	0.46	0.24	0.5	0.62	1.4	1.14	1.05	1	0.66
				LC	7914311	33.01	0.84	1.04	1.21	0.6	1.35	1.28	0.63	0.79	0.95
				LC	7914312	21.51	1.05	0.66	1.25	0.18	1.05	1.32	1.1	1.47	1.32
				LC	7914313	28.65	0.24	0.4	0.57	0.42	1.87	1.61	1.37	0.26	0.75
				LC	7914314	10.17		0.93	1.78	2.69	1.52	1.43	1.46	1.71	1.22
				LC	7914315	20.25	0.73	0.35	0.43	3.01	1.71	1.77	0.75	0.66	0.63
				LC	7914316	14.24	0.43	0.53	1.23	0.48	1.42	1.18	0.45	0.78	0.74
				LC	7914317	12.62	0.39	0.53	0.8	0.31	1.15	0.94	0.81	0.46	1
				LC	7914318	27.9	1.7	0.91	1.13	0.26	1.01	0.63	0.5	1.24	
				LC	7914319	13.8	1.39	0.68	1.12	0.28	1.12	0.86	1.25	1.49	
				LC	7914320	106.57	0.52	0.36	0.44	0.1	0.6	0.43	0.46	1.55	
				LC	7914321	19.66	0.21	0.41	0.57	0.87	0.74	1.35	1.24	0.94	
				LC	7914322	20.72	0.6	0.43	1.11	0.52	1.42	1.13	1.44	1.07	
				LC	7914323	28.51	0.23	0.39	0.37	0.23	1.08	0.63	1.09	0.48	0.7
				LC	7914324	35.36	0.52	0.48	0.86	0.65	1.06	0.43	0.56	0.75	0.69
				LC	7914325	12.24	0.31	0.18	0.26	0.31	0.7	0.36	0.5	0.55	0.64
				LC	7914326	44.84	2.29	0.82	0.93	2.02	2.65	1.49	1.49	0.97	
				LC	7914327	23.95	0.66	0.74	0.48	0.31	1.12	0.94	0.76	0.62	1.03
				LC	7914328	34.84	0.11	0.24	1.77	0.41	2.29	0.78	0.97	0.33	0.12
				LC	7914329	31.29	0.63	0.25	0.42	0.39	1.22	1.28	0.56	0.99	0.85
				LC	7914330	10.19	2.2	1.28	0.89	0.2	1.12	0.98	0.66	2.02	1.35
				LC	7914331	29.84	0.47	0.39	0.32	0.23	1.48	0.7	1.57	0.51	0.6
				LC	7914332	10.5	0.81	0.92	0.82	1.47	1.36	1.18	0.72	1.81	0.83
				LC	7914333	32.25	0.12	0.07	0.17	0.35	2.09	1.56	1.15	0.18	0.51

				LC	7914334	13.86	0.62	0.45	0.19	1.54	1	0.93	0.82	1.05	
				LC	7914335	74.49	0.84	0.4	0.1	0.72	1.1	1.1	1.6	1.17	
				LC	7914336	43.84	1.47	0.74	0.81	3.64	1.1	1.72	0.84	0.96	
				LC	7914337	33.37	1.2	0.7	0.95	2.04	0.93	1.35	0.97	1.37	
				LC	7914338	53.37	0.33	0.46	0.32	0.23	1.73	1.19	2.2	0.85	
				LC	7914339	25.6	0.69	1.44	0.57	3.43	1.7	1.21	0.68	0.6	0.44
				LC	7914340	30.98	0.86	0.5	0.83	3.24	1.81	1.67	1.37	1.54	0.87
				LC	7914341	17.73	1.41	1.17	1.16	4.33	1.02	2.4	1.15	1.33	1.21
				LC	7914342	156.29	0.94	1.26	1.16	0.23	0.75	0.7	0.51	0.49	1.27
				LC	7914343	23.49	0.27	0.24	0.29	0.27	0.98	0.6	1.03	0.7	0.58
				LC	7914344	25.24	0.7	0.47	0.32	0.21	0.89	0.68	0.7	0.92	0.48
				LC	7914345	62.89	0.23	0.27	0.72	0.65	0.71	0.61	0.51	0.8	0.7
				LC	7914346	46.75	0.28	0.5	0.91	0.44	1.34	0.68	0.7	0.5	0.48
				LC	7914347	39.2	0.12	0.26	0.59	0.28	1.06	0.92	1.09	0.68	0.46
				LC	7914348	8.06	0.59	0.47	0.75	0.54	1.71	0.99	0.92	0.83	0.94
				LC	7914349	86.71	0.2	0.16	0.29	0.37	1.75	1.04	0.66	0.38	0.73
				LC	7914350	14.46	0.26	0.4	0.18	0.33	1.07	0.62	0.78	0.63	
				LC	7914351	86.05	0.43	0.42	0.45	0.14	0.85	0.47	0.88	1.42	
				LC	7914352	24.13	0.93	0.36	0.38	0.52	0.78	1.26	1.19	0.85	
				LC	7914353	14.33	0.59	0.73	0.34	0.32	1.55	1.08	0.8	1.18	
				LC	7914354	26.7	1.07	0.74	0.35	0.29	1.3	1.12	1.56	1.17	
				PDAC	7914355	13.81	1.39	1.17	1.09	0.06	1.89	2.64	0.87	0.85	0.89
				PDAC	7914356	162884	3.01	0.89	1.33	0.17	0.88	1	0.97	1.34	1.08
				PDAC	7914357	9.4	0.91	1.08	0.53	0.23	0.57	1.25	0.55	0.87	0.7
				PDAC	7914358	1844.8	1.3	0.57	0.02	0.23	0.52	0.62	0.92	1.43	0.93
				PDAC	7914359	4333.2	2.35	1.19	0.77	0.61	1.03	1.32	1.14	0.88	1.15
				PDAC	7914360	83.47	1.05	0.55	0.67	0.27	0.98	0.91	0.47	0.82	
				PDAC	7914361	5.33	0.18	0.51	0.24	0.19	1.14	0.89	0.92	0.89	
				PDAC	7914362	2996.3	1.08	0.92	0.55	0.31	1.42	1.03	0.79	0.65	
				PDAC	7914363	868	2.76	0.98	0.57	0.07	1.59	1.77	0.58	1.44	
				PDAC	7914364	4443	1.99	0.43	0.77	0.04	0.94	0.73	1.13	1.05	
				PDAC	7914365	11.87	1.77	0.66	1.09	0.09	1.17	0.92	0.95	0.51	0.82
				PDAC	7914366	275	2.27	0.76	1.27	0.06	0.69	1.66	0.78	1.48	0.97

				PDAC	7914367	1344	1.33	0.95	1.46	0.08	1.2	1.09	0.93	1.03	0.84
				PDAC	7914368	1311.6	1.48	0.42	0.87	0.19	0.97	1.43	0.94	1.08	1.57
				PDAC	7914369	210	1.38	0.37	1.17	0.15	1.05	0.97	0.91	0.87	0.97
				PDAC	7914370	3116			1.33	0.28	1.06	0.7	0.6	1.27	
				PDAC	7914371	105332	0.76	0.6	0.93	0.15	1.47	1.28	0.57	0.97	0.66
				PDAC	7914372	17645	1.2	0.76	1.13	0.25	0.77	0.62	0.88	1.79	1.06
				PDAC	7914373	12.3	1.79	1.4	0.74	0.63	0.41	0.39	0.48	1.46	1.22
				PDAC	7914374	16.1	2.27	0.6	0.96	0.55	1.11	0.7	0.74	1.93	0.99
				PDAC	7914375	13228	1.15	0.51	0.55	0.54	0.58	0.35	0.95	0.69	
				PDAC	7914376	9.49	1.44	0.55	1.15	0.35	1.42	1.09	1.36	1.49	
				PDAC	7914377	1.08	1.32	0.52	0.66	0.5	0.9	0.78	1.04	1.54	
				PDAC	7914378	76638	1.22	0.79	1.38	0.48	1.09	1.15	0.86	0.58	
				PDAC	7914379	3344.8	1.54	0.61	1.5	0.4	1.63	1.15	1.13	1.19	
				PDAC	7914380	7.8	0.92	0.55	1.66	2.92	1.85	1.26	0.93	0.73	
				PDAC	7914381	57567	1.06	1.17	1.64	0.07	0.7	0.69	0.56	1.35	0.93
				PDAC	7914382	19262	1.37	0.87	1.03	0.13	0.74	0.75	0.59	1.1	0.93
				PDAC	7914383	655	0.64	0.92	1.51	0.15	0.84	0.36	1	0.75	0.51
				PDAC	7914384	135	1.02	1.08	2	0.69	1.19	1.06	0.51	1.2	1.32
				PDAC	7914385	191.05	0.92	0.53	0.68	0.12	0.84	1.05	1.05	1.24	1.07
				PDAC	7914386	182.27	2.28	0.9	0.59	0.54	0.93	0.65	0.7	1.82	1.81
				PDAC	7914387	21.59	0.63	0.54	0.28	0.39	0.35	0.23	0.39	0.79	0.51
				PDAC	7914388	465.17	0.8	0.39	1.16	0.19	0.65	0.52	0.55	1.05	1.35
				PDAC	7914389	365	1.01	0.68	0.85	0.17	1.31	1.22	0.69	1.26	0.63
				PDAC	7914390	77.7	1.72	1.03	1.8	0.3	0.88	1.27	0.63	1.09	
				PDAC	7914391	19011	1.57	1.31	0.58	0.34	1.63	1.17	0.55	1.84	
				PDAC	7914392	14.14	1.41	1.01	1.31	0.24	0.75	0.76	0.3	0.83	
				PDAC	7914393	967	1.08	0.87	1.1	0.23	1.24	1.32	0.55	1.18	
				PDAC	7914394	0.3	1.7	0.87	0.96	0.32	0.94	1	0.84	0.81	
				PDAC	7914395	25604	1.37	0.99	1.14	0.25	0.98	1.16	0.95	1.44	
				PDAC	7914396	979	1.68	0.78	0.63	0.31	1.07	0.67	0.68	1.62	
				PDAC	7914397	1362.2	1.92	0.6	0.88	0.2	0.86	1.27	1.07	2.12	1.69
				PDAC	7914398	1698	1.26	0.78	0.59	0.34	1.47	1.08		1.18	0.85
				PDAC	7914399	11721	2.38	1.03	1.38	0.21	0.91	0.66	0.53	1.25	1.01

				PDAC	7914400	2560.8	1.28	0.87	1.3	0.52	0.93	1.17	1.25	1.72	0.98
				PDAC	7914401	93579	1.2	0.82	1.02	0.3	0.82	0.72	0.75	1.03	1.01
				PDAC	7914402	15.82	0.64	0.54	0.38	0.32	1.91	1.25	0.88	1.39	0.61
				PDAC	7914403	141541	1.56	0.9	1.08	0.19	1.48	0.97	0.8	1.18	1.41
				PDAC	7914404	200	1.96	0.73	0.43	0.45	0.87	0.78	1.01	1.23	1.35
				PDAC	7914405	41.9	0.99	0.74	0.84	2.08	1.07	1.07	0.57	1.71	1.03
				PDAC	7914406	808	2.28	0.5	0.99	0.32	0.82	0.8	0.66	1.87	1.3
				PDAC	7914407	66515	1.94	1.01	0.87	0.58	1.19	1.06	1.3	1.28	
				PDAC	7914408	142790	2.4	1.83	0.33	0.48	0.98	1.23	0.84	0.72	
				PDAC	7914409	39.24	1.43	0.64	0.46	2.65	0.99	1.02	1.44	1.28	
				PDAC	7914410	5961	1.03	0.84	1.2	0.46	1	0.95	0.95	1.29	
				PDAC	7914411	25.8	1.46	1.4	1.34	1.34	1.16	1.37	0.92	1.6	
				PDAC	7914412	9.94	1	0.79	0.65	0.13	0.79	0.36	0.62	0.84	
				PDAC	7914413	159	1.97	1.02	0.59	2.75	1.38	1.87	1.1	1.16	1.04
				PDAC	7914414	180062	1.55	1.27	0.91	0.18	1.28	1.28	0.99	1.64	1.3
				PDAC	7914415	120	1.66	1.08	1.42	2.58	1.16	1.32	0.79	1.89	
				PDAC	7914416	3.18	0.62	0.76	0.29	2.18	1.74	2.01	0.63	1.13	0.83
				PDAC	7914417	8028	1.74	1.14	0.88	1.2	1.47	1.81	1.01	0.89	1.06
				PDAC	7914418	1962.2	3.62		0.49	0.27	1.29	1.37	1.54	1.56	1.95
				PDAC	7914419	4200	0.96	0.53	1.12	2.32	1	1.26	1.13	1.03	0.57
				PDAC	7914420	44.9	2.3	1	0.61	4.48	1.52	2.24	1.29	0.95	1.85
				PDAC	7914421	15062	0.56	0.4	0.39	4.69	1.78	1.35	0.75	1.04	0.62
				PDAC	7914422	0.421	1.42	0.64	1.57	0.33	0.87	0.73	0.47	1.72	1.28
				PDAC	7914423	22.23	1.62	0.88	0.89	0.37	0.94	0.84	0.92	0.99	1.29
				PDAC	7914424	127	1.49	1.07	0.68	0.29	1.2	1.06	1.34	1.42	
				PDAC	7914425	83.7	1.56	0.93	0.98	0.08	1.27	1.1	1.37	0.89	
				PDAC	7914426	239	0.97	0.91	0.66	0.17	1.52	0.97	0.57	0.99	
				PDAC	7914427	3944	2.34	1.1	1.49	0.22	1.07	0.73	0.66	1.74	
				PDAC	7914428	306	1.27	0.81	1.17	0.28	0.96	0.83	0.65	1.44	
				PDAC	7914429	270	1.35	1.06	1.37	0.34	1.19	0.83	0.58	1.26	1.82
				PDAC	7914430	1935.1	1.6	0.77	0.95	0.23	1.11	0.89	0.54	0.7	1.33
				PDAC	7914431	1E+06	1.96	0.91	2.08	4.11	1.22	2.21	1.17	1.2	1.76
				PDAC	7914432	1695	1.55	0.68	1.08	0.41	1.22	0.85	1.11	1.27	1.74

				PDAC	7914433	278.64	1.89	1.22	1.93	0.24	0.98	1.01	0.95	2.28	1.45
				PDAC	7914434	1279	1.09	0.72	0.52	0.91	1.26	1.2	0.97	1.34	1.1
	Training set	Plasma	Dresden	CP	8683712	15.4	0.76	0.77	0.78	0.7	1.19	0.85	1.05	1.24	0.76
				CP	8683713	8.32	0.69	0.84	0.46	1.02	1.5	0.96	1.29	0.96	0.85
				CP	8683714	58.9	1.15	0.63	0.85	0.87	0.53	0.76	0.59	0.92	1.22
				CP	8683717	273.2	1.71	0.92	1.78	0.94	0.93	0.58	0.86	0.75	1.51
				CP	8683719	1.24	1.16	0.83	0.58	1.14	0.66	0.52	1.31	1.16	1.14
				CP	8683720	4.76	1.19	0.65	0.47	0.51	0.8	0.82	1.1	1.27	1.47
				CP	8683722	15.6	1.23	0.94	1.04	0.83	1.51	1.32	1.09	0.93	1.13
				CP	8683723	14.3	1.15	1.22	0.58	0.44	0.85	0.9	0.59	1	1.17
				CP	8683724	13.08	0.76	0.45	0.48	0.9	2.24	0.75	1.41	1.36	0.91
				CP	8683725	5.47	0.92	0.85	0.82	0.79	0.59	0.7	0.74	1.05	1.21
				CP	8683726	5.9	1.13	0.91	0.59	0.72	1.24	0.69	0.8	0.88	1.14
				CP	8683727	1.7	0.74	1.11	0.34	0.55	0.47	0.56	0.41	1.21	0.81
				CP	8683728	20.96	1.29	0.93	0.68	0.67	0.76	0.61	0.5	0.85	1.1
				CP	8683729	10.2	1.24	1.16	0.43	0.58	0.88	0.96	0.58	1.08	1.31
				CP	8683730	12.3	0.7	1.17	0.37	0.31	0.84	1.05	0.68	0.61	0.92
				CP	8683735	13.9	1.06		1.08	1.05	0.77	0.88	1.56	1.23	1.13
				CP	8683738	4.5	1	1.08		0.6	0.85	0.97	0.89	0.97	0.89
				CP	8683740	270.1	1.04	0.85	0.52	0.8	0.71	0.76	0.69	1.22	1.06
				CP	8683743	13.4	0.79	0.75	0.64	0.79	2.92	0.68	1.26	1.68	1.12
				CP	8683745	5	0.92	0.59	0.3	0.57	0.7	0.61	0.48	1.98	0.84
				CP	8683747	5.6	1.7	0.95	0.65	1.03	0.65	0.88	0.68	1.49	1.28
				CP	8683749	5.71	0.72	0.62	0.45	0.77	0.86	1.09	1.18	0.88	1.06
				CP	8683752	19.7	1.08	1.04	0.74	0.64	0.76	0.8	1.34	0.86	0.91
				CP	8683753	1.87	1.18	0.92	0.58	0.44	0.67	0.79	0.47	1.2	0.99
				CP	8683755	57.9	0.97	0.47	0.7	0.43	1.3	0.76	0.88	1.02	1.01
				CP	8683756	7.19	0.43	0.86	0.59	0.86	1.46	0.52	0.57	1.07	0.76
				CP	8683760	1.9	0.89	0.65		0.57	1.34	0.99	0.93	0.95	0.93
				CP	8683764	6.52	1.2	0.82	0.37	0.98	0.95	0.41	0.76	1.09	0.9
				CP	8683768	2.9	0.75	0.86		0.89	0.8	0.82	0.89	1.16	0.97
				CP	8683770	21.04	0.85	1.16		0.51	0.85	0.74	0.44	0.65	0.87
				CP	8683771	90.5	0.72	0.84	0.43	0.94	3.91	1.13	0.81	1.14	1.1

				CP	8683772	75.3	0.67	1.06	0.76	0.91	0.67	0.92	0.96	0.71	0.67
				CP	8683773	23.5	0.71	0.95	0.46	0.75	1.03	0.9	0.91	1.42	0.93
				CP	8683780	0.3	0.66	0.84	0.37	0.69	0.6	0.79	0.31	0.87	0.58
				CP	8683781	8.2	1.74	1.15	0.85	1.07	0.97	0.8	0.99	0.99	1.54
				CP	8683782	15.3	0.67	0.62	0.86	0.77	0.63	0.62	0.55	0.87	1.09
				CP	8683784	4.7	0.98	1.17	0.41	0.65	0.71	0.72	0.62	0.87	1.15
				CP	8683790	18.5	1.13	0.68	0.87	0.68	1.42	0.87	0.94	0.63	1.06
				CP	8683793	1.41	0.81	0.96	0.33	0.56	0.6	0.59	0.64	1.13	0.92
				CP	8683794	16.7	1.11	1.03	0.86	0.85	0.81	1.19	0.94	0.75	0.93
				CP	8683795	5.1	0.95	1.19	0.94	0.85	1.49	0.7	1.22	1.36	1.02
				CP	8683796	8.3	0.6	1.21	1.83	2.26	0.61	0.87	1.19	0.92	1.02
				CP	8683800	7.33	0.83	0.68	0.54	0.55	0.56	0.58	0.36	0.8	0.96
				CP	8683803	20.9	0.81	0.63	0.33	0.52	0.62	0.74	0.91	1.46	1.05
				CP	8683809	19.5	1.2	0.81	0.52	0.51	0.86	0.44	0.75	1.2	1.37
				CP	8683810	1.9	0.95	0.8	0.77	0.65	0.71	0.7	1.06	1.58	1.2
				CP	8683811	12.3	0.62	0.91	1.15	0.86	0.97	0.97	1.52	1.32	0.86
				CP	8683812	1.5	0.45	0.56	0.53	0.57	0.56	0.43	0.64	1.17	0.69
				CP	8683814	3.8	1.28	0.82	0.85	0.98	1.16	0.92	0.9	1.05	0.98
				CP	8683818	7.3	0.76	0.78	1.61	0.67	0.89	0.77	0.77	0.55	1.02
				CP	8683819	57.5	0.88	1.22	0.81	1.08	2.21	1.49	1.37	1.2	1.11
				CP	8683822	3.7	1.51	1.22	1.01	0.8	0.73	0.95	1.04	1.7	1.18
				CP	8683824	9.9	1.05	0.44	0.31	0.42	0.62	0.79	0.65	0.94	1.11
				CP	8683828	10.2	1.12	1	0.7	0.62	0.53	1.29	0.94	0.73	0.88
				CP	8683830	14.6	0.85	1.29		0.85	1.06	1.09	1.66	1.36	0.94
				CP	8683832	5.2	1.29	1.09	1.13	1.06	1.02	0.91	0.94	1.36	1.13
				CP	8683833	18.3	0.82	0.98	0.66	0.92	0.72	0.71	0.98	1.15	0.92
				CP	8683834	5.3	0.67	0.55	1.2	0.91	1	0.87	1.17	0.94	0.89
				CP	8683835	0.8	1.27	0.96	0.29	0.36	0.75	0.62	0.76	1.08	1.04
				CP	8683837	3.4	1.12	1.15	0.41	0.83	0.64	0.98	0.83	1.79	1.21
				CP	8683840	5.1	0.77	0.61	0.86	1.07	1.15	0.88	0.94	1.21	0.84
				CP	8683843	96.6	0.73	0.82	0.36	0.39	0.7	0.74	0.58	0.86	0.86
				CP	8683845	7.4	0.54	0.64	0.7	0.84	0.67	0.68	0.63	0.89	0.94
				CP	8683848	16.1	0.62	0.76	0.72	0.82	0.59	0.75	0.46	0.87	0.87

				CP	8683849	9.38	0.91	0.5		0.6	0.58	0.62	0.51	1.26	0.94
				CP	8683852	3.3	0.78	0.83	0.48	0.96	0.87	0.69	0.55	1.29	0.88
				CP	8683854	6.4	1.03	0.65	0.37	0.65	0.95	0.44	0.66	1.18	0.83
				CP	8683857	11.5	0.89	1.45	0.67	0.92	1.06	0.98	0.7	0.89	0.9
				CP	8683858	4.8	0.68	1.09	0.46	0.65	0.73	0.92	0.88	1.34	0.77
				CP	8683859	12.2	1.17	0.85	0.6	1	0.76	0.8	0.91	1.12	1.3
				CP	8683860	3.8	0.52	0.96	0.55	0.73	0.57	0.8	0.9	1.12	0.86
				CP	8683862	5.5	1.84	1.31	0.75	0.79	0.64	1.06	1.08	0.94	1.29
				CP	8683864	13.6	1.07	1.03	0.7	0.66	1.15	0.94	1.33	0.83	1.09
				CP	8683865	7.6	1.1	1.24	1.17	1.14	1.27	1.18	0.79	1.34	1.11
				CP	8683866	7.4	0.74	1.06	1.15	0.9	0.78	1.24	1.13	0.75	0.95
				CP	8683867	3.7	1.05	1.24	1.01	0.69	1.04	0.78	0.6	1.03	0.93
				CP	8683868	19.2	1.43	1	0.51	0.83	0.86	0.57	1.91	1.22	1.38
				CP	8683869	5.5	0.75	0.56	0.63	0.86	1.22	1.12	1.5	1.35	0.89
				CP	8683870	3.2	1.06	1.22	1.25	0.82	0.71	0.79	0.86	0.75	0.72
				CP	8683871	4.4	1.89	0.99	0.66	0.68	1.01	1.02	0.9	0.81	1.32
				PDAC	8683715	52.5	0.95	0.39		0.47	0.49	0.68	0.89	1.67	1.18
				PDAC	8683716	210	1.64	0.59	0.8	0.42	0.98	0.55	1.37	1.51	1.26
				PDAC	8683718	58.6	4.19	1.08	0.47	0.75	0.62	0.58	0.99	1.48	2.11
				PDAC	8683721	17	0.63	0.6	0.64	0.71	0.92	0.86	0.82	0.75	1.06
				PDAC	8683731	1.55	1.59	0.51	0.58	0.37	0.66	0.61	1.06	0.99	1.18
				PDAC	8683732	547	0.93	0.5		0.71	0.51	0.61	1.24	1.41	1.29
				PDAC	8683733	25.8	1.92	0.5	0.5	0.43	0.53	0.81	1.32	1.84	1.3
				PDAC	8683734	23.6	1.33	0.79	0.37	0.51	0.73	0.93	0.78	1.13	1.43
				PDAC	8683736	409.6	1.73	0.89	0.39	0.49	0.78	0.56	1.4	1.82	1.15
				PDAC	8683737	92	1.09	0.89	0.44	0.22	0.59	0.85	0.73	1.19	1.03
				PDAC	8683739	30.1	1.28	0.7	0.29	0.57	0.56	0.6	1.27	1.2	0.86
				PDAC	8683741	85.8	1.29	1.25	0.39	0.46	0.79	1.35	0.91	1.34	0.95
				PDAC	8683742	721.6	1.62	0.5	0.3	0.39	0.53	0.58	0.77	1.57	2.02
				PDAC	8683746	98.2	1.54	1.04	0.33	0.48	0.9	0.57	1.07	1.1	1.39
				PDAC	8683748	191.6	1.35	0.72	0.56	0.48	0.61	0.58	0.91	1.19	1.18
				PDAC	8683750	282	1.43	0.51	0.54	0.65	0.56	0.59	0.9	1.44	1.36
				PDAC	8683751	1096	1.55	1.15	0.4	0.67	0.6	0.67	1.29	1.41	1.24

				PDAC	8683754	183.1	1.31	1.24	0.59	0.54	0.78	0.68	1.66	1.56	1.05
				PDAC	8683757	94	0.78	0.54	0.56	0.79	0.78	0.57	1.26	0.85	1.32
				PDAC	8683758	548.4	1.25	0.95	0.4	0.79	0.66	0.85	1.05	1.32	1.22
				PDAC	8683759	160.1	0.95	1	0.64	0.67	0.7	0.39	1.39	1.67	0.83
				PDAC	8683761	295.3	1.36	1.16	0.6	0.55	0.91	0.6	1.12	1.08	1.21
				PDAC	8683762	13330	1.67	1.17		0.51	0.4	0.68	0.91	1.29	1.07
				PDAC	8683763	426.7	0.81	0.58	0.4	0.86	0.9	0.94	0.98	1.46	0.78
				PDAC	8683765	0.3	1.42	0.58		0.24	0.64	0.94	0.85	1.38	1.82
				PDAC	8683766	120.1	0.88	0.44	0.24	0.39	0.53	0.43	0.92	0.8	0.86
				PDAC	8683767	54.8	1.41	0.89	0.57	0.46	0.73	0.75	1.15	1.57	1.19
				PDAC	8683769	212.6	2.07	0.45	0.57	0.41	0.77	0.72	1.26	1.58	1.38
				PDAC	8683774	78.8	1.96	0.45		0.6	0.5	0.66	2.07	1.24	1.39
				PDAC	8683775	16.6	1.59	0.71	0.68	0.71	0.54	0.5	1.12	1.57	1.45
				PDAC	8683776	1463	1.12	0.49	0.39	0.75	0.67	0.63	0.89	1.72	1.08
				PDAC	8683777	56.7	0.62	0.82	0.24	1.01	0.85	0.52	0.63	1.72	0.69
				PDAC	8683778	6298	1.3	0.54	0.5	0.71	0.54	0.64	0.51	1.4	0.99
				PDAC	8683779	111.9	0.86	0.55		0.43	0.57	0.72	0.73	1.79	1.01
				PDAC	8683783	115.8	1.32	0.9	0.65	0.62	0.58	0.73	1.37	1.21	1.61
				PDAC	8683785	545.9	1.93	0.56	0.44	0.7	1.07	0.68	1.85	1.63	1.39
				PDAC	8683786	77.5	2.66	1.05	0.26	0.73	0.47	0.63	1.71	0.77	1.44
				PDAC	8683787	188.9	1.87	0.73		0.55	0.61	0.85	0.76	1.67	1.52
				PDAC	8683788	17.1	1.05	0.66	0.43	0.61	0.44	0.48	0.66	1.56	1.01
				PDAC	8683789	11622	2.13	0.68	0.81	1.11	0.57	0.49	1.6	1.12	1.25
				PDAC	8683791	379.7	1.06	0.48	0.86	0.64	0.76	0.74	2.45	1.21	1.11
				PDAC	8683792	2549	1.81	0.75	0.6	0.63	0.39	0.47	1.2	1.12	1.33
				PDAC	8683797	77.6	1.48	0.66	0.46	0.99	0.58	0.74	1.64	1.81	1.11
				PDAC	8683798	1668	0.99	0.9	0.64	0.62	0.84	0.95	1.04	1.75	1.02
				PDAC	8683799	27.4	2.68	0.79	0.47	0.34	0.35	0.59	1.75	1.68	1.24
				PDAC	8683801	17.3	1.41	0.96	0.75	0.76	0.66	0.78	1.09	1.26	1.33
				PDAC	8683802	1646	1.25	0.9	0.57	0.67	0.89	0.65	0.58	0.91	1.12
				PDAC	8683804	4.9	1.23	0.96	0.68	0.61	0.5	0.54	1.31	1.56	1.43
				PDAC	8683805	2850	1.08	0.92	0.51	0.53	1.08	0.95	1	1.28	1.23
				PDAC	8683806	31.7	1.63	1.14	0.51	0.69	0.8	0.7	0.8	1.34	1.4

				PDAC	8683807	32	1.39			0.68	0.45	0.42	1.29	1.93	0.97
				PDAC	8683808	183.3	2.48			0.46	0.61	0.78	0.98	0.94	1.64
				PDAC	8683813	337.2	1.06	0.88	1.01	0.83	0.75	1.17	0.69	1.79	1.34
				PDAC	8683815	3.1	1.84	0.76	0.33	0.59	0.51	0.32	0.85	1.38	1.43
				PDAC	8683816	38.4	0.81	0.56	0.74	0.96	0.52	0.37	1.44	1.31	0.57
				PDAC	8683817	9518	1.29	0.35	0.37	0.97	0.83	0.23	0.93	1.16	1.08
				PDAC	8683820	44.9	1.77	0.83	0.32	0.61	0.8	0.54	1.31	1.22	1.3
				PDAC	8683821	764	1.57	0.83	0.45	0.44	0.55	0.61	1.19	1.69	1.11
				PDAC	8683823	55.6	1.94	0.58	1.02	1.01	0.5	0.6	1.74	1.73	1.55
				PDAC	8683825	679.2	1.37	0.53		0.69	0.5	0.74	1.1	1.03	0.98
				PDAC	8683826	40.5	2.05	0.7	0.37	0.93	0.68	0.48	1.72	1.6	1.34
				PDAC	8683827	179.5	1.11	0.49	0.55	0.44	0.51	0.69	0.85	1.17	0.94
				PDAC	8683829	2784	2.16	0.81	0.56	0.7	0.46	0.5	1	1.45	1.63
				PDAC	8683831	90.5	1.01	0.68	0.52	0.59	0.6	0.63	1.15	1.22	0.99
				PDAC	8683838	287	0.83	0.79	0.54	0.95	0.64	0.68	1.18	1.32	1.1
				PDAC	8683839	83.3	1.53	0.55	0.41	0.58	0.56	0.57	1.12	1.48	1.46
				PDAC	8683841	11.8	1.49	0.53	0.71	1	0.77	0.54	1.44	1.54	1.18
				PDAC	8683842	213.2	1	0.91	0.6	0.79	1.27	0.63	0.91	1.02	1.09
				PDAC	8683844	41.8	1.3	0.77	0.79	0.65	0.52	0.79	1.23	1.5	1.58
				PDAC	8683846	60.6	1.54	0.92	0.29	0.45	1.01	0.8	1.04	1.42	1.55
				PDAC	8683847	1986	1.12	0.77	0.81	0.96	0.75	0.5	1.04	1.11	1.08
				PDAC	8683850	2159	1.27	0.92	1.63	0.7	0.66	0.43	1	1.25	1.4
				PDAC	8683851	1822	1.04	0.64	0.45	0.72	0.41	0.52	2.52	1.53	1.03
				PDAC	8683853	2.2	2.2	0.65	0.35	0.73	0.63	0.33	0.9	1.52	1.51
				PDAC	8683855	13	1.64	0.71	0.26	0.47	0.82	0.8	1.48	1.34	2
				PDAC	8683856	766.3	2.95	0.64	0.6	0.49	1.33	0.74	2.9	1.01	2.07
				PDAC	8683861	1154	1.49	0.87	0.63	0.74	0.74	0.58	0.84	1.53	1.25
				PDAC	8683863	2983	2.48	0.63	0.6	0.78	0.56	0.47	1.29	1.57	1.43
Exploratory study	Exploratory study	Plasma	Greifswald	BD	6196965			0.63		1.07	1.42	1.3		0.66	
				BD	6196988			0.69		0.26	1.8	1.53		0.82	
				BD	6197089			0.78		1.18	1.55	1.57		0.87	
				BD	6197021			1.08		2.1	2.02	1.64		1.16	
				BD	6196905			0.93			1.79	1.46		0.81	

				BD	6196936			1.4		1.1	0.98	1.49		1.11	
				BD	6196942			0.7		0.59	1.15	0.9		1.08	
				BD	6196972			0.65		1.05	1.09	1.34		1.14	
				BD	6196995			0.63		0.81	0.99	1.66		1.05	
				BD	6197006			0.9		0.88	1.05	1.34		1.01	
				BD	6197038			0.63		1.42	1.9	1.79		0.89	
				BD	6197048			1.77		0.86	3.18	2.26		0.8	
				BD	6197068			1.08		1.43	1.93	1.54		0.92	
				BD	6197096			0.92		0.73	1.9	1.7		0.83	
				BD	6197081			0.67		1.61	1.27	1.69		1.17	
				BD	6196915			0.97		0.99	1.17	1.54		1	
				BD	6196933			0.69		1.31	1.53	1.35		1.01	
				BD	6196944		1.1	0.72		1.23	1.29	1.19		0.72	
				BD	6196975			0.66		1.09	1.12	1.03		0.69	
				BD	6196992		0.7	0.48		0.82	1.15	1.48		0.69	
				BD	6197019		0.65	1.16		1.38	1.55	1.87		0.72	
				BD	6197040		1.12	1.22		1.68	1.08	1.47		0.96	
				BD	6197042		0.83	0.97		0.68	1.65	1.08		1.12	
				BD	6197075		0.99	0.62		1.36	1.42	1.87		1.09	
				BD	6197095		0.8	0.69		1.02	1.84	1.95		0.93	
				BD	6197060		0.87	2.01		1.08	1.22	1.45		0.78	
				BD	6196917		0.64	0.54		1.32	1.4	1.55		0.72	
				BD	6196934		0.96	0.89		1.3	1.54	1.18		0.78	
				BD	6196957		1.13	1.1		1.32	0.73	0.99		1.11	
				BD	6196973		1.35	0.64		1.44	1.24	1.6		0.97	
				BD	6196986		1.04	0.92		0.87	1.37	1.54		1.07	
				BD	6197008		1.03	0.94		0.81	1.29	1.83		0.99	
				BD	6197027			0.55		0.32	1.73	1.07		0.63	
				BD	6197043		1.57	2.04		1.16	0.85	1.44		1.09	
				BD	6197066			0.96		0.57	2.05	1.54		0.79	
				BD	6197099			0.59		1.56	1.36	1.19		0.87	
				BD	6196961		1.15	1.05		1.43	1.56	1.59		1.43	

				BD	6196909		0.77	0.59		1.17	1.3	1.54		0.81	
				BD	6196930		1.39	0.77		1.1	0.72	0.89		0.81	
				BD	6196955		0.94	0.65		1.44	0.95	1.02		0.96	
				CP	6197047			1.35		0.08	0.98	1.36		0.6	
				CP	6197037		1.21	1.22		6.43	2.31	2		1.07	
				CP	6197058		0.25	0.95		1.58	1.2	1.17		0.85	
				CP	6197071		0.51	1.23		0.7	3.6	1.54		0.75	
				CP	6197088		0.61	2.11		0.46	1.14	2.36		0.76	
				CP	6197001		0.27	0.47		0.92	1.36	1.11		0.64	
				CP	6196916		0.65	3.12		2.11	3.16	3.48		1.13	
				CP	6196932		0.58	0.85		0.79	1.72	1.2		1.05	
				CP	6196960		1.07	2.85		2.44	3.16	2.14		1.09	
				CP	6196964		0.58	1.1		1.62	2.74	3.04		1.07	
				CP	6197065		0.78	1.72		0.17	2.1	2.16		0.83	
				CP	6196997		1.08	0.84		0.95	1.91	1.85		1.22	
				CP	6197013		0.72	0.86		3.82	1.93	1.92		0.85	
				CP	6197029		0.32	2.29		1.21	1.34	1.17		1.35	
				CP	6197045		0.5	0.6		0.77	0.88	2.17		0.74	
				CP	6197074		1.3	1.17		0.72	0.64	0.58		0.92	
				CP	6197084		1.01	0.93		1.44	1.24	2.11		1.25	
				CP	6197106		0.72	0.96		3.62	1.64	2.29		1.07	
				CP	6196904		0.87	1		0.44	1.64	1.76		0.84	
				CP	6196922		1.36	0.92		8.96	2.1	2.66		1.48	
				CP	6196952		0.75	1.16		6.96	2.34	1.91		1.05	
				CP	6197086		1.42	1.16		0.2	0.93	1.8		1.15	
				CP	6196974		0.5	1.38		10.3	2.33	2.73		0.94	
				CP	6196996		0.5	0.74		1.37	1.47	1.71		1.06	
				CP	6197011		0.84	1.33			2.76	2.88		0.85	
				CP	6197030		0.85	1.27		0.9	4.33	2.97		1.41	
				CP	6197057		0.88	2.15		18.44	2.03	2.3		1.35	
				CP	6197077		1.56	1.88		7.93	1.3	2.74		0.85	
				CP	6197090		0.52	1.14		7.93	2.43	2.96		1.19	

				CP	6197102		0.94	1.19		4.6	2.57	3.24		0.96	
				CP	6196920			1.35						1.2	
				CP	6196928			1.67		3.05	1.45	1.64		1.23	
				CP	6197041		1.17	0.99		0.33	1.34	0.94		1.14	
				CP	6196956		1.02	0.64		3.58	1.49	1.69		1.36	
				CP	6196971		0.55	0.45		2.01	1.44	0.82		0.83	
				CP	6196908		0.85	0.75		0.26	1.38	1.11		0.64	
				CP	6196923		0.81	1.41		0.1	1.73	1.74		0.84	
				CP	6196954		0.85	1.05		6.73	3.11	2.21		1.02	
				CP	6196967		0.46	0.41		1.13	1.65	1.39		0.67	
				CP	6196994		0.57	0.78		0.29	1.92	1.6		0.85	
				CP	6197012										
				LC	6197005		0.46	0.94		3.4	1.52	1.55		1.29	
				LC	6197036		0.25	0.43		1.71	1	0.8		0.78	
				LC	6197051		0.55	0.82		0.98	1.04	1.04		0.73	
				LC	6197064		0.24	0.24		1.64	0.91	0.85		0.73	
				LC	6197097		0.25	0.81		0.87	1.36	1.1		0.64	
				LC	6197100		0.29	0.35		9.56	1.81	2		0.5	
				LC	6196913		0.56	0.67		3.19	0.99	1.63		1.02	
				LC	6196931		0.32	0.69		1.24	2.03	1.15		0.62	
				LC	6196946		0.22	0.13		1.26	1.73	1.85		0.44	
				LC	6196979		0.16	0.26		0.77	1.32	1.33		0.58	
				LC	6196987		0.42	0.48		2.05	1.53	1.17		0.96	
				LC	6197016			1		1.53	1.22	0.59		0.84	
				LC	6197035		0.5	0.72		1.02	1.81	0.86		1.01	
				LC	6197056			1.33		0.71	1.04	1.03		1.11	
				LC	6197062		0.39	0.34		0.62	1.26	1.2		0.54	
				LC	6197083		0.45	0.28		0.64	0.73	0.57		0.71	
				LC	6196981		0.26	0.42		0.87	1.89	1.69		0.74	
				LC	6196903		0.51	0.51		0.93	1.94	1.16		1.56	
				LC	6196927		0.87	0.22		0.8	1.35	1.56		0.53	
				LC	6196947		0.4	0.73		0.95	1.69	1.75		0.57	

			Kiel	BD	6196918		0.79	1.49		1.28	1.63	1.3		0.83	
				BD	6196935		0.95	2.83		0.54	1.06	1.17		0.77	
				BD	6196958		1.34	1.41		0.86	1.38	1.68		1.08	
				BD	6196968		1.16	1.4		0.96	1.31	1.59		1.23	
				BD	6196985		0.91	0.89		0.91	1.17	1.78		0.81	
				BD	6197017		1.07	1.6		0.44	0.82	1.3		0.86	
				BD	6197022		1	1.46		0.73	1.11	1.26		1.25	
				BD	6197054		1.09	0.84		0.92	1.46	1.33		0.97	
				BD	6197076		1.11	1.07		0.73	1.57	1.85		0.76	
				BD	6197092		0.83	0.69		0.42	0.69	1.63		0.98	
				BD	6196941		0.76	1.38		0.68	1.38	1.41		0.76	
				BD	6196911		1.48	0.95		0.41	0.99	1.29		0.89	
				BD	6196939		0.87	0.81		0.75	2.09	1.25		1.12	
				BD	6196959		1.06	0.85		1.29	1.37	1.12		1.37	
				BD	6196970		1.3	1.05		0.28	0.82	1.48		0.97	
				BD	6196999		1.26	0.62		0.71	1.21	1.37		0.76	
				BD	6197018		0.78	1.02		1.08	2.02	1.49		1.04	
				BD	6197023		0.75	1.22		1.38	1.38	1.23		1.14	
				BD	6197059			1.16		1.63	1.13	1.12		0.6	
				BD	6197072		0.66	1.48		1.16	1.2	1.46		1.17	
				BD	6197087		1.68	1.81		1.42	1.35	1.09		1.08	
				BD	6197104			0.61		0.73	1.56	1.32		1.26	
				BD	6196902		0.98	1.75		0.65	1.64	1.98		1.32	
				BD	6196937			0.82		1.05	1.51	1.43		1.07	
				BD	6196953		0.95	1.05		0.6	2.44	1.29		0.86	
				BD	6196969		0.81	0.74		0.66	1.24	1.46		1.02	
				BD	6196990		0.87	1.15		1.26	2	1.39		1.22	
				BD	6197014			0.97		0.71	1.68	1.76		0.86	
				BD	6197026		0.94	0.69		0.56	1.36	1.22		1.33	
				BD	6197046		0.68	0.58		0.75	1.2	1.2		0.82	
				BD	6197078		1	1.78		1.48	2.06	1.4		1.38	
				BD	6197093		1.29	1.09		1.07	1.05	1.22		1.22	

				BD	6197080		0.66	0.63		1.17	1.7	1.26		0.88	
				BD	6196919		0.7	0.86		0.71	1.61	2.14		1.4	
				BD	6196940		1.1	1.01		0.97	1.49	1.24		1.05	
				BD	6196950		0.87	1.75		1.29	1.86	1.8		1.18	
				BD	6196977		0.74	0.96		0.87	1.26	1.07		0.73	
				BD	6197000		1.5	0.96		0.69	0.9	1.21		1.03	
				BD	6197004		1.09	1.15		0.78	1.53	1.39		0.8	
				BD	6197033		0.7	1.24		0.8	1.1	1.36		1.18	
				BD	6197044		1.26	1.03			1.4	1.27		1.15	
				BD	6197079		0.85	0.97		1.34	2.01	1.47		1.09	
				BD	6197091		0.52	0.73		1.11	1.38	1.27		0.8	
				BD	6196921		0.63	0.88		0.8	0.79	1.07		0.99	
				BD	6196914		0.79	1.14		0.72	1.75	1.51		0.9	
				BD	6196924		2.07	2.2		1.32	2.83	0.92		1.35	
				BD	6196945		0.79	0.57		0.42	0.97	1.14		1.32	
				BD	6196980		1.39	0.89		0.65	1.47	1.49		0.81	
				BD	6196984		0.85	1.26		0.48	1.24	1.53		0.96	
				BD	6197002			2.08			1.94	1.64		0.99	
				BD	6197028		1.06	0.72		1.26	1.66	1.44		1.29	
				BD	6197049		0.87	0.64		1.44	1.2	1.68		1.04	
				BD	6197069		1.95	1.8		0.55	1.12	1.85		0.85	
				BD	6197098		0.93	1.2		0.85	2.6	2.1		1.23	
				BD	6197105		1.23	1.21		1.03	2.03	1.59		1.39	
				BD	6196910		1.11	0.83		0.91	1.42	1.22		1	
				BD	6196925		0.89	0.74		1.38	1.41	1.1		0.91	
				BD	6196949		1.19	0.91		1.16	1.23	1.15		1.19	
				BD	6196966		1.26	1.17		0.84	2.09	1.28		0.87	
				BD	6196991		1.17	1.2		0.9	1.29	1.37		1.12	
				BD	6197009		0.89	0.63		1.04	1.4	1.82		0.85	
				BD	6197031		1.12	0.77		0.95	0.91	1.15		1.22	
				BD	6197052		1.02	1.38		0.62	1.25	1.29		0.99	
				BD	6197070			1		0.96	1.43	1.54		0.84	

				CP	6197007		1.32	1.98		0.89	1.47	0.9		0.85	
				CP	6197039		0.71	0.97		1.28	0.81	0.58		0.93	
				PDAC	6196962		1.68	0.54		0.51	0.53	0.76		1.02	
				PDAC	6196989		1.41	0.77		0.52	0.82	1.03		1.11	
				PDAC	6197015		0.84	0.2		0.73	0.6	0.65		0.84	
				PDAC	6197034		1.64	0.77		0.51	0.77	0.79		1.09	
				PDAC	6197055		1.37	0.48		0.53	0.56	0.62		1.23	
				PDAC	6197063		1.18	0.6		1.02	0.65	0.87		0.99	
				PDAC	6197082		1.2	0.27		0.35	0.52	0.47		0.81	
				PDAC	6197101		0.45	0.4		1.24	0.83	1.05		0.74	
				PDAC	6196912		1.57	0.37		0.52	0.42	0.49		1.22	
				PDAC	6196993		0.57	0.4		0.9	0.65	0.47		0.99	
				PDAC	6196929		0.8	0.67		0.78	0.59	0.51		1.1	
				PDAC	6196948		0.89	0.27		0.61	0.7	0.75		0.91	
				PDAC	6196978		1.51	0.61		0.75	0.52	0.41		0.65	
				PDAC	6196998		0.9	0.53		0.68	0.58	0.38		0.73	
				PDAC	6197010		0.6	0.49		1.17	0.63	0.6		1.55	
				PDAC	6197024		1.08	0.62		0.44	0.56	0.46		1.16	
				PDAC	6197085		1.39	1.28		0.62	0.67	0.62		1.26	
				PDAC	6197003		1.33	0.61		0.71	0.54	0.91		1.37	
				PDAC	6197061		1.23	0.66		0.88	0.55	0.61		0.9	
				PDAC	6196906		0.64	0.4		0.73	0.79	0.71		0.88	
				PDAC	6196926		1.3	0.27		0.8	0.6	0.66		0.94	
				PDAC	6196943		1.02	0.46		0.71	0.53	0.95		1.16	
				PDAC	6196976		1.54	0.62		0.17	0.85	0.53		1.12	
				PDAC	6196983		0.93	0.8		0.85	0.6	0.81		1.07	
				PDAC	6197025		1.51	0.58		0.86	0.96	0.97		1.21	
				PDAC	6197050		1.27	1.05		0.51	0.54	0.95		1.11	
				PDAC	6197067		1.13	0.77		0.89	0.79	0.65		0.87	
				PDAC	6197094		0.87	0.77		0.74	0.72	1		0.95	
				PDAC	6197103		1.45	0.52		0.4	0.87	0.59		0.91	
				PDAC	6196907		0.8	0.33		0.83	0.5	0.7		0.98	

				PDAC	6196938		0.99	0.58		0.6	0.8	0.74		1.36	
				PDAC	6197032		0.99	0.57		0.9	0.6	0.81		1.06	
				PDAC	6196963		0.83	0.25		0.68	0.72	0.91		0.84	
				PDAC	6196982		2.5	0.98		0.8	0.67	1.23		1.07	