

PredictDB GTEx v7 Models

Number of samples by tissue

tissue	v6p_n_samples	v7_n_samples	v7_gain
Adipose_Subcutaneous	298	328	30
Adipose_Visceral_Omentum	185	273	88
Adrenal_Gland	126	146	20
Artery_Aorta	197	236	39
Artery_Coronary	118	128	10
Artery_Tibial	285	329	44
Brain_Amygdala	NA	81	NA
Brain_Anterior_cingulate_cortex_BA24	72	102	30
Brain_Caudate_basal_ganglia	100	126	26
Brain_Cerebellar_Hemisphere	89	113	24
Brain_Cerebellum	103	137	34
Brain_Cortex	96	119	23
Brain_Frontal_Cortex_BA9	92	104	12
Brain_Hippocampus	81	99	18
Brain_Hypothalamus	81	98	17
Brain_Nucleus_accumbens_basal_ganglia	93	114	21
Brain_Putamen_basal_ganglia	82	98	16
Brain_Spinal_cord_cervical_c-1	NA	76	NA
Brain_Substantia_nigra	NA	70	NA
Breast_Mammary_Tissue	183	211	28
Cells_EBV-transformed_lymphocytes	114	96	-18
Cells_Transformed_fibroblasts	272	256	-16
Colon_Sigmoid	124	185	61
Colon_Transverse	169	210	41
Esophagus_Gastroesophageal_Junction	127	185	58
Esophagus_Mucosa	241	307	66
Esophagus_Muscularis	218	287	69
Heart_Atrial_Appendage	159	231	72
Heart_Left_Ventricle	190	233	43
Liver	97	134	37
Lung	278	333	55
Minor_Salivary_Gland	NA	74	NA
Muscle_Skeletal	361	421	60
Nerve_Tibial	256	305	49
Ovary	85	99	14
Pancreas	149	180	31
Pituitary	87	143	56
Prostate	87	114	27
Skin_Not_Sun_Exposed_Suprapubic	196	285	89
Skin_Sun_Exposed_Lower_leg	302	359	57
Small_Intestine_Terminal_Ileum	77	103	26
Spleen	89	119	30
Stomach	170	200	30
Testis	157	191	34
Thyroid	278	344	66
Uterus	70	82	12

tissue	v6p_n_samples	v7_n_samples	v7_gain
Vagina	79	91	12
Whole_Blood	338	315	-23

Number of prediction models by tissue

tissue	v6p models	v7 models	v7 protein-coding models
Adipose_Subcutaneous	7254	8270	6542
Adipose_Visceral_Omentum	4447	6594	5111
Adrenal_Gland	3785	4608	3592
Artery_Aorta	5943	6656	5345
Artery_Coronary	3141	3507	2653
Artery_Tibial	7074	8235	6634
Brain_Amygdala	NA	2369	1772
Brain_Anterior_cingulate_cortex_BA24	2430	3308	2446
Brain_Caudate_basal_ganglia	3325	4184	3121
Brain_Cerebellar_Hemisphere	4077	4760	3652
Brain_Cerebellum	5066	6103	4766
Brain_Cortex	3334	4332	3280
Brain_Frontal_Cortex_BA9	3138	3607	2672
Brain_Hippocampus	2508	2824	2081
Brain_Hypothalamus	2290	2839	2051
Brain_Nucleus_accumbens_basal_ganglia	2984	3633	2641
Brain_Putamen_basal_ganglia	2621	3178	2386
Brain_Spinal_cord_cervical_c-1	NA	2520	1899
Brain_Substantia_nigra	NA	2043	1518
Breast_Mammary_Tissue	4473	5312	4024
Cells_EBV-transformed_lymphocytes	3441	3045	2382
Cells_Transformed_fibroblasts	7543	7354	6037
Colon_Sigmoid	3619	5242	4025
Colon_Transverse	4729	5614	4258
Esophagus_Gastroesophageal_Junction	3457	5263	4073
Esophagus_Mucosa	7170	8181	6657
Esophagus_Muscularis	6338	7748	6162
Heart_Atrial_Appendage	4450	5990	4723
Heart_Left_Ventricle	4718	5382	4350
Liver	2502	3355	2623
Lung	6448	7968	6145
Minor_Salivary_Gland	NA	2230	1692
Muscle_Skeletal	6520	7521	6230
Nerve_Tibial	8016	9444	7451
Ovary	2673	3060	2201
Pancreas	4603	5339	4266
Pituitary	3094	4776	3493
Prostate	2491	3268	2308
Skin_Not_Sun_Exposed_Suprapubic	5471	7641	5981
Skin_Sun_Exposed_Lower_leg	7665	9119	7228
Small_Intestine_Terminal_Ileum	2515	3113	2279
Spleen	3602	4615	3504
Stomach	4035	4797	3717
Testis	7002	9066	5992

tissue	v6p models	v7 models	v7 protein-coding models
Thyroid	7853	9661	7456
Uterus	2058	2434	1780
Vagina	1939	2386	1691
Whole_Blood	6588	6297	5236
All	198430	248791	192126
