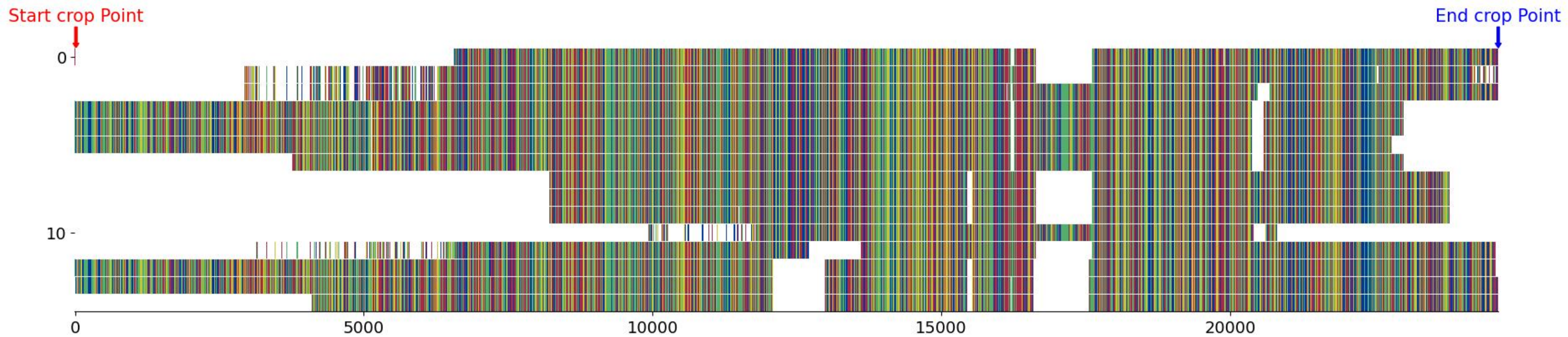




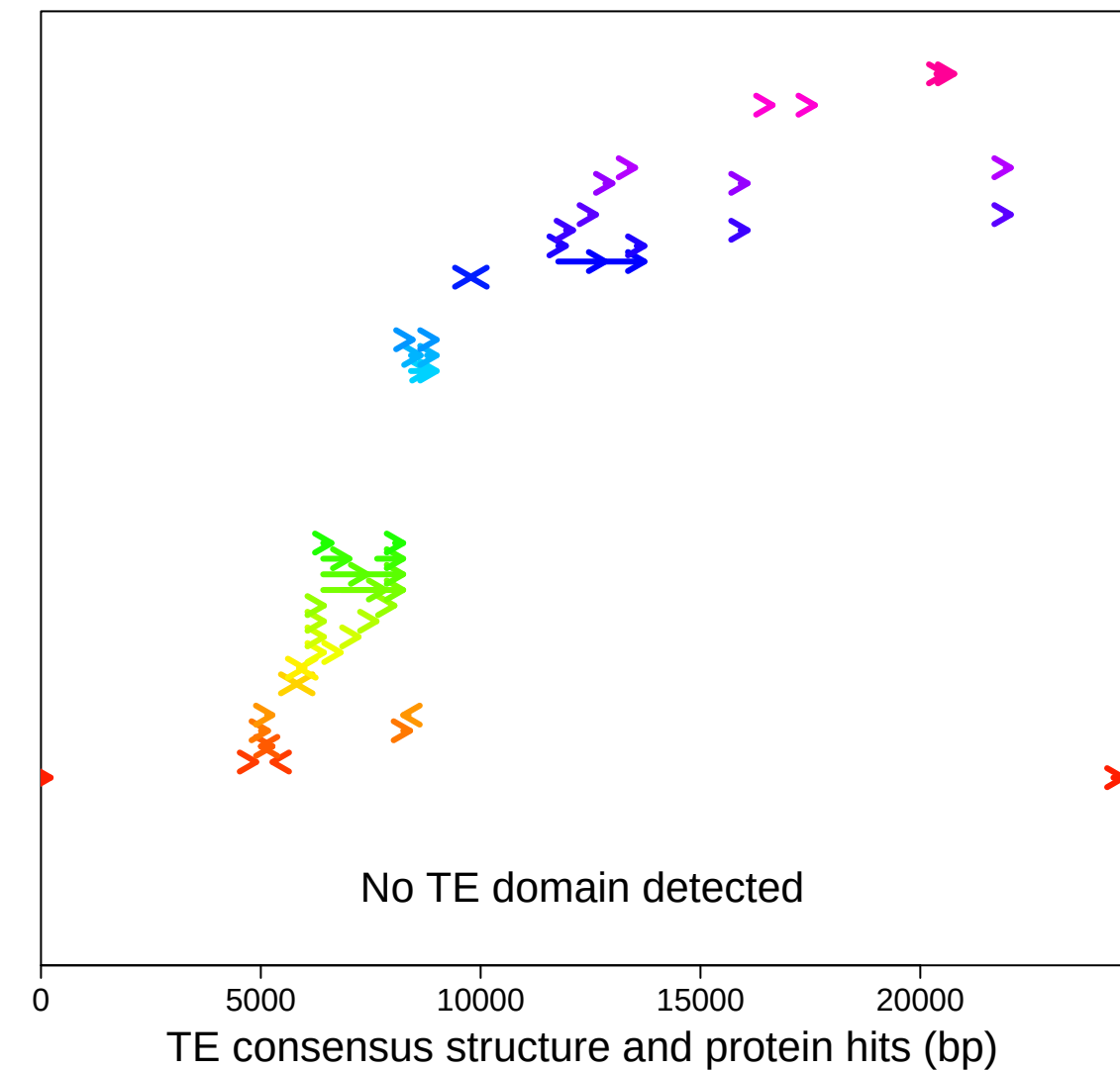
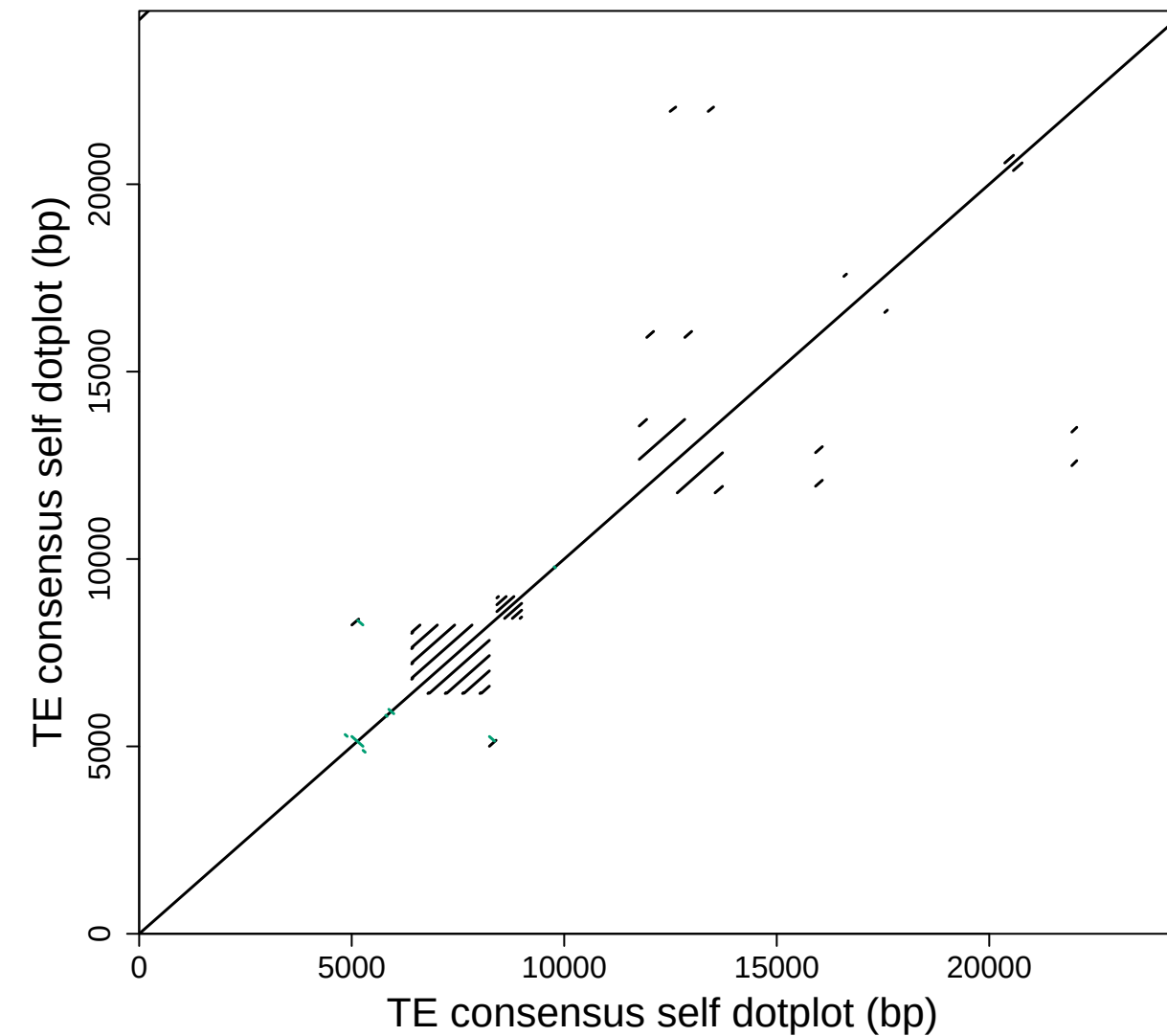
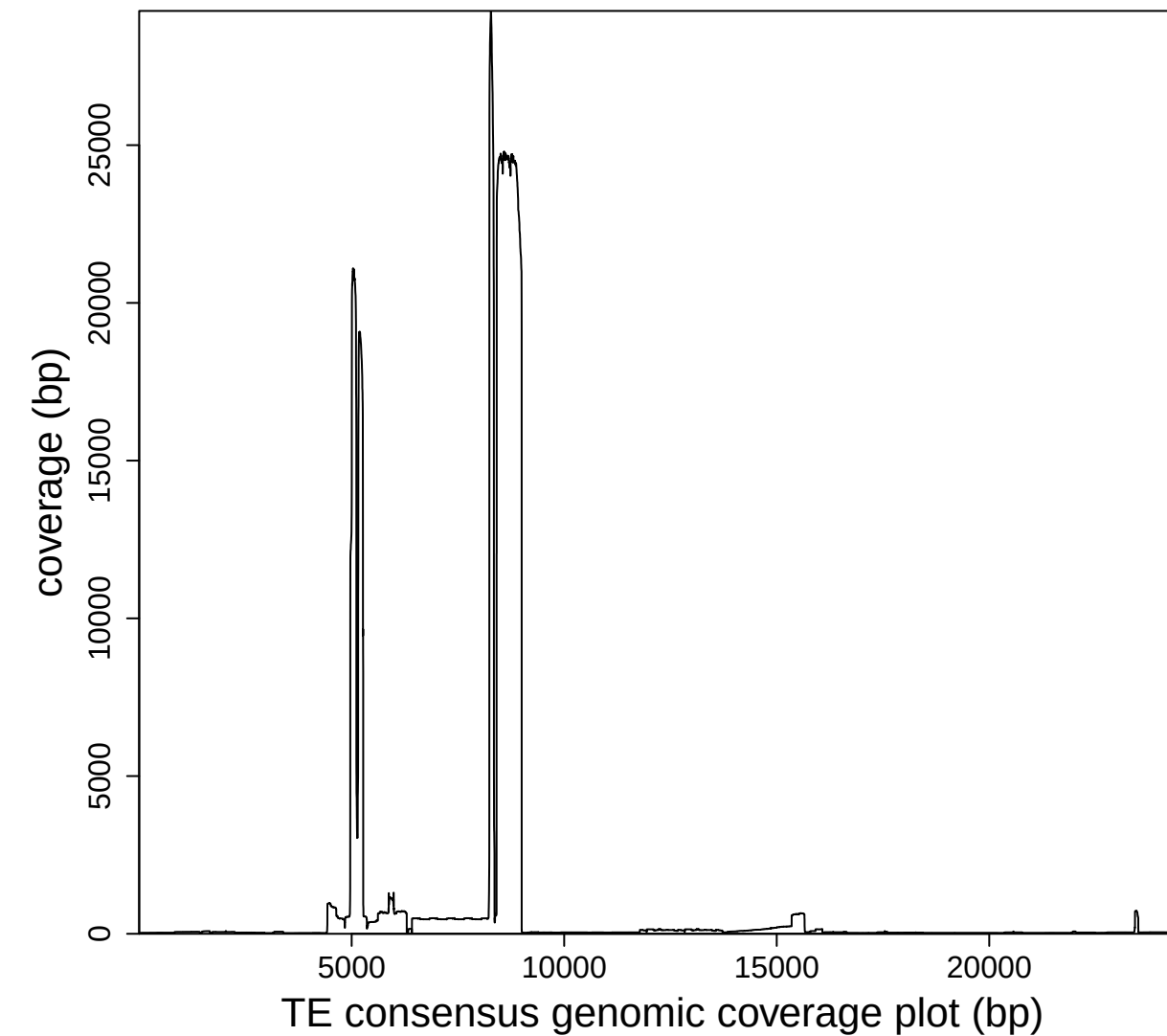
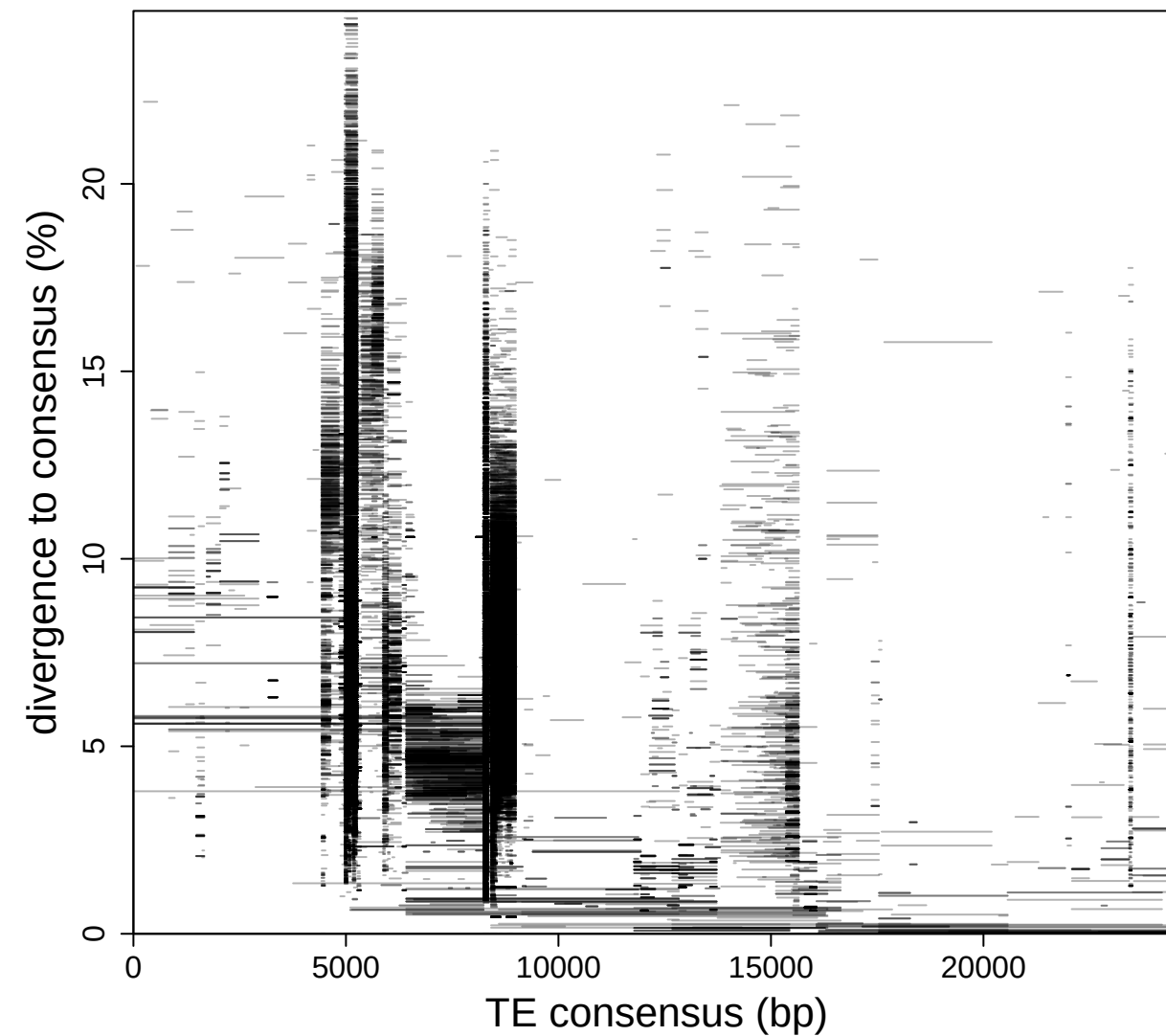
MSA length = 24624

[illegible]



2.bed_fm_1.bed_0_0_n.bed_g_1.bed_fm_2.bed_0_0_bcln.fa_aln.
size: 24624bp; fragments: 109733; full length: 0 (>=22161.6bp)

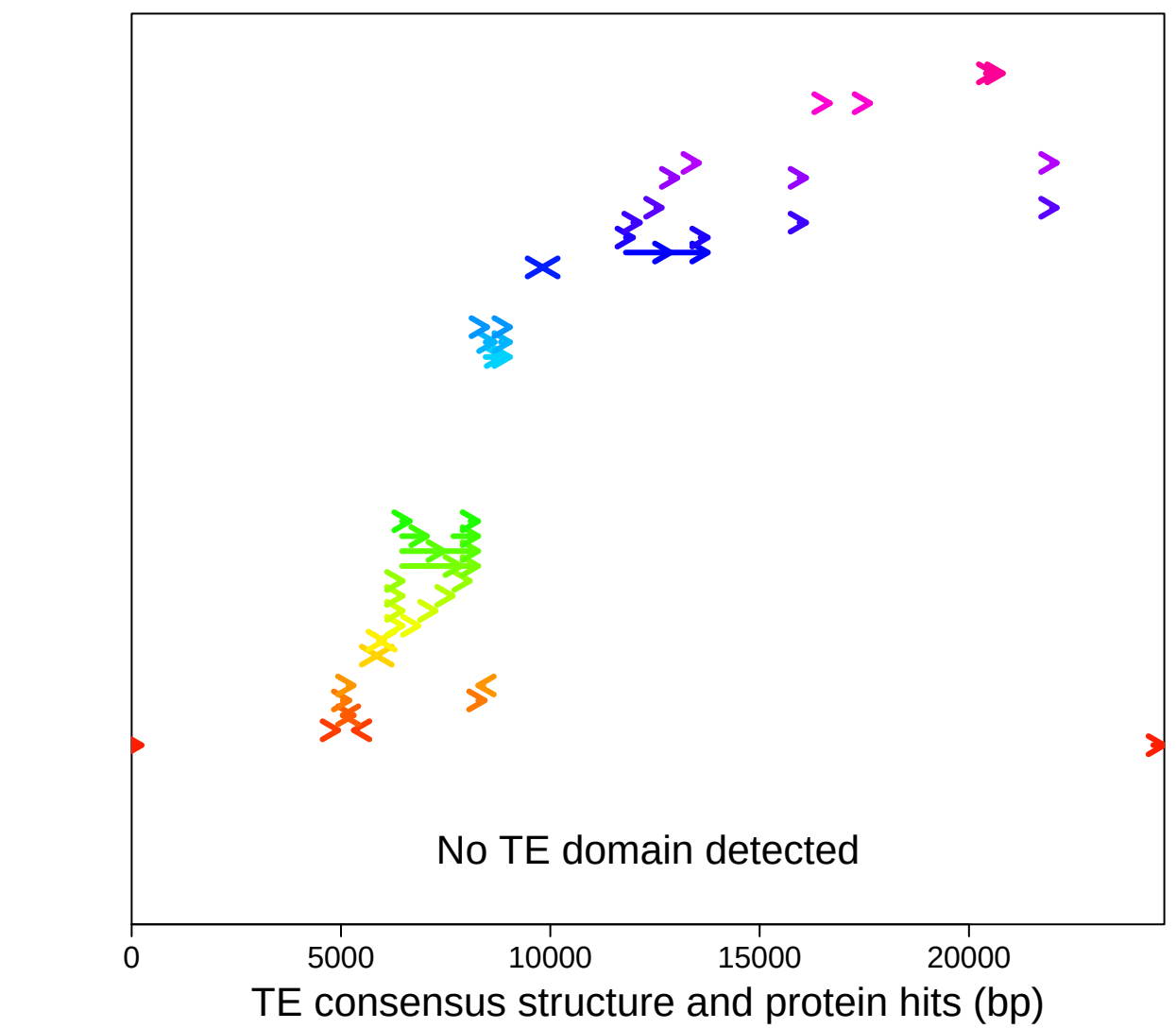
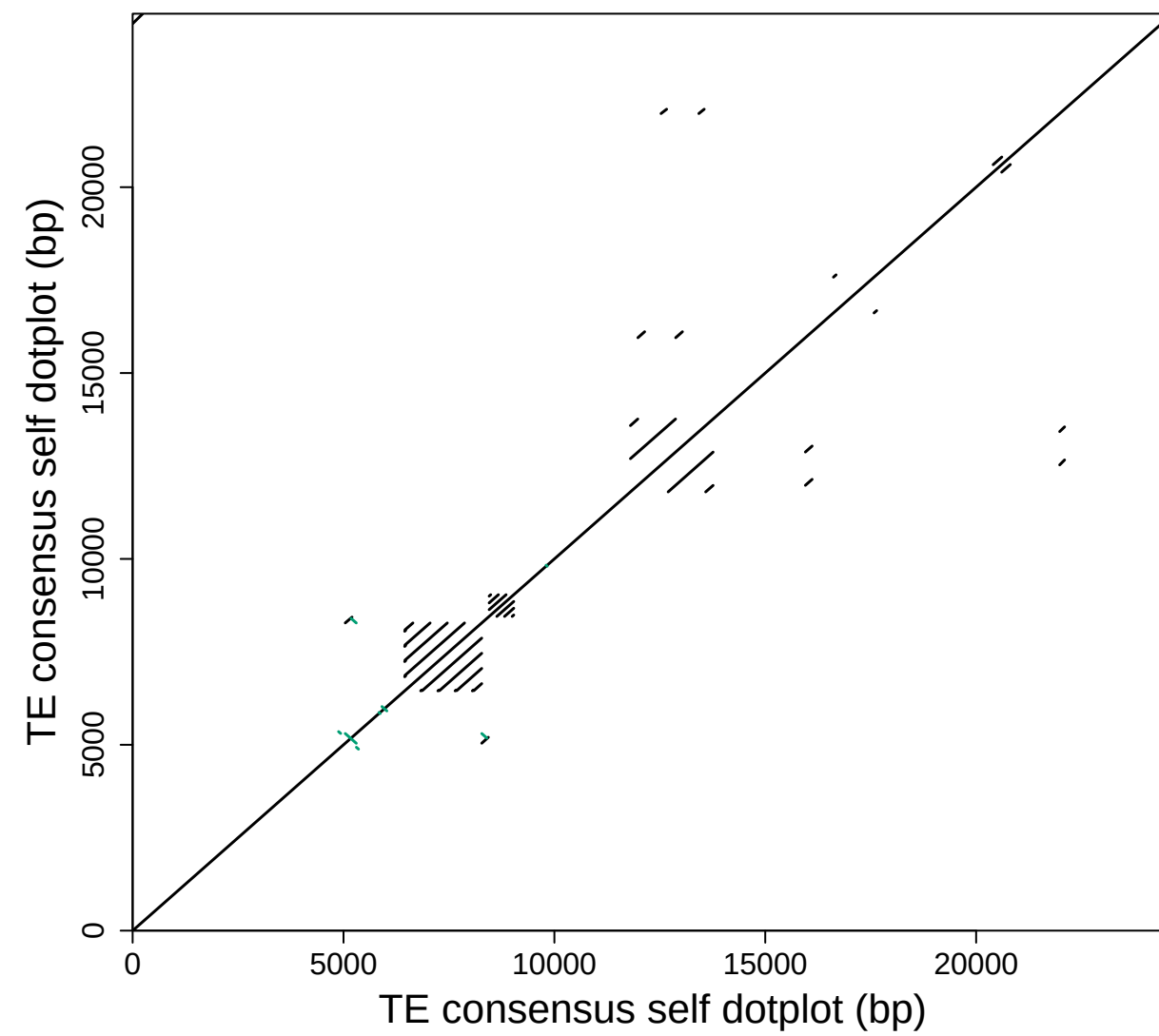
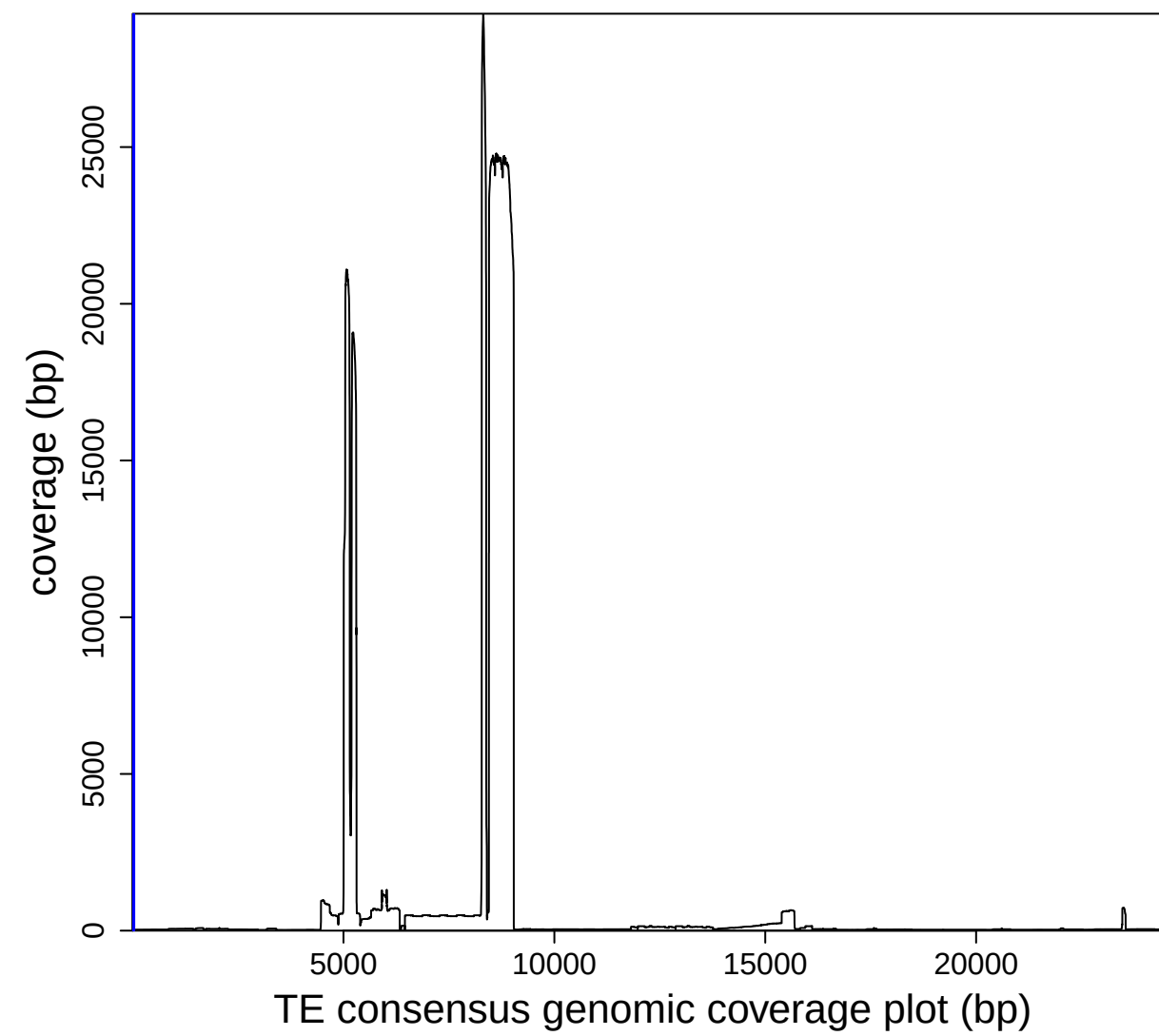
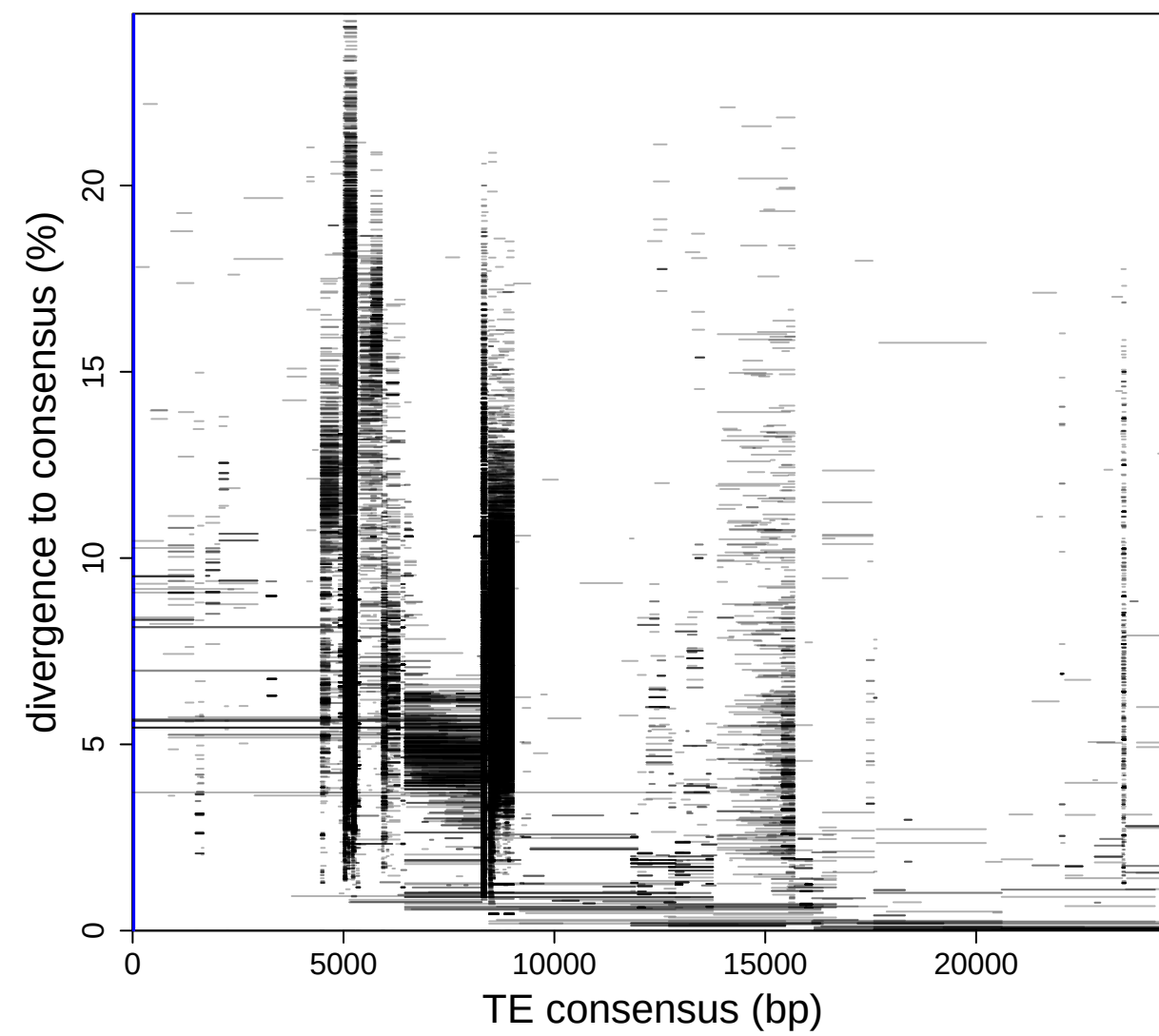
After TEtrimmer 24624 bp



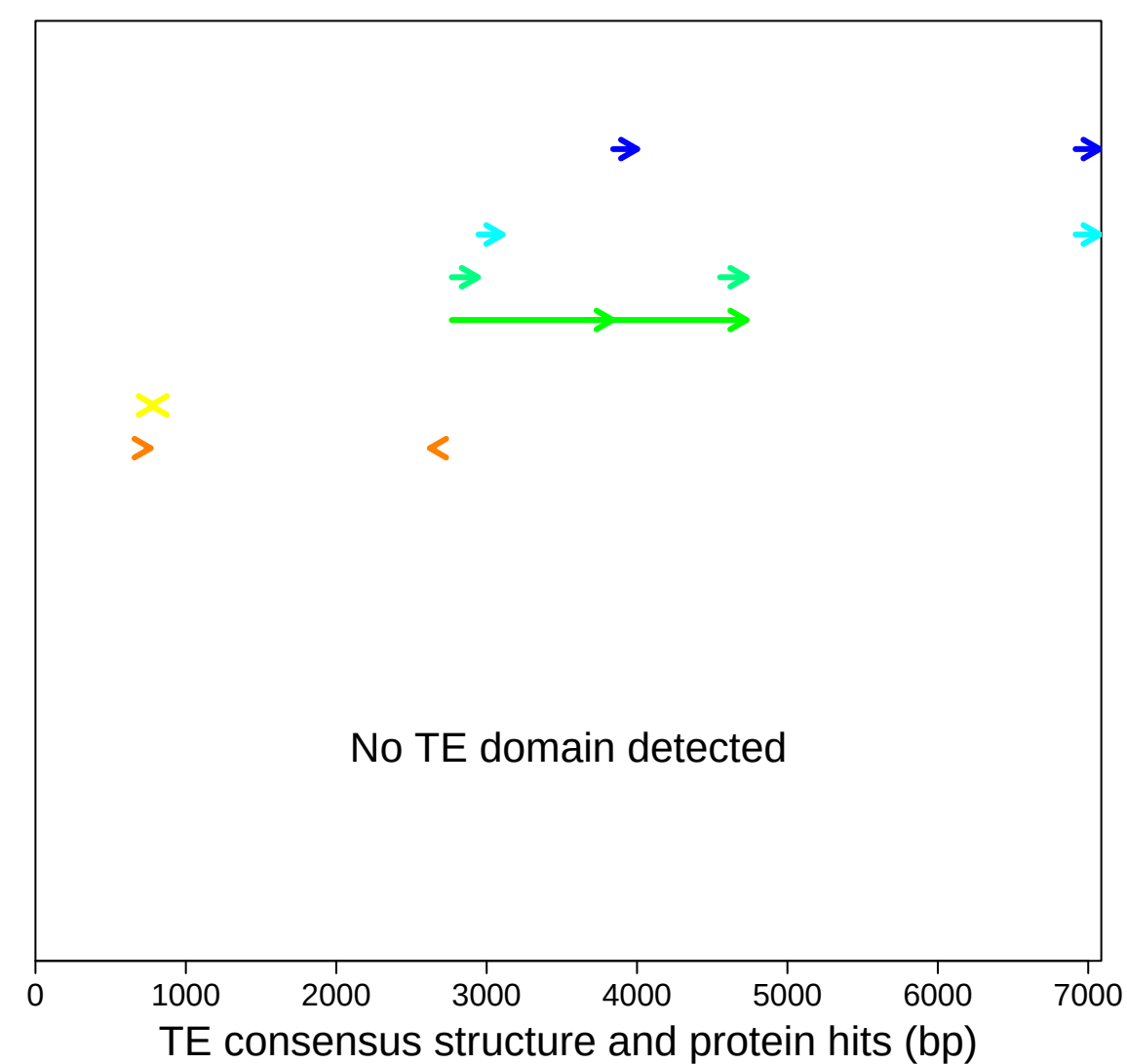
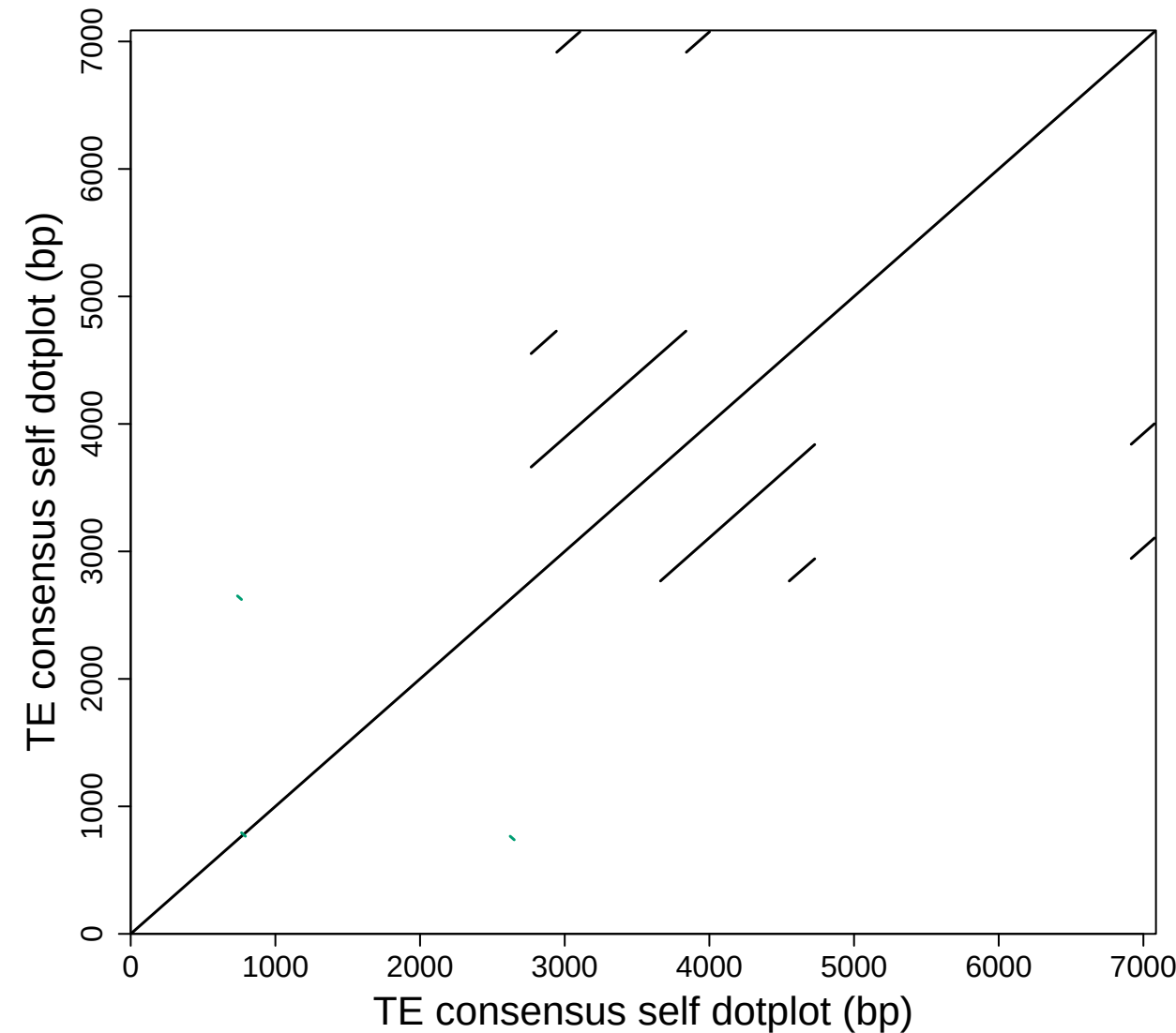
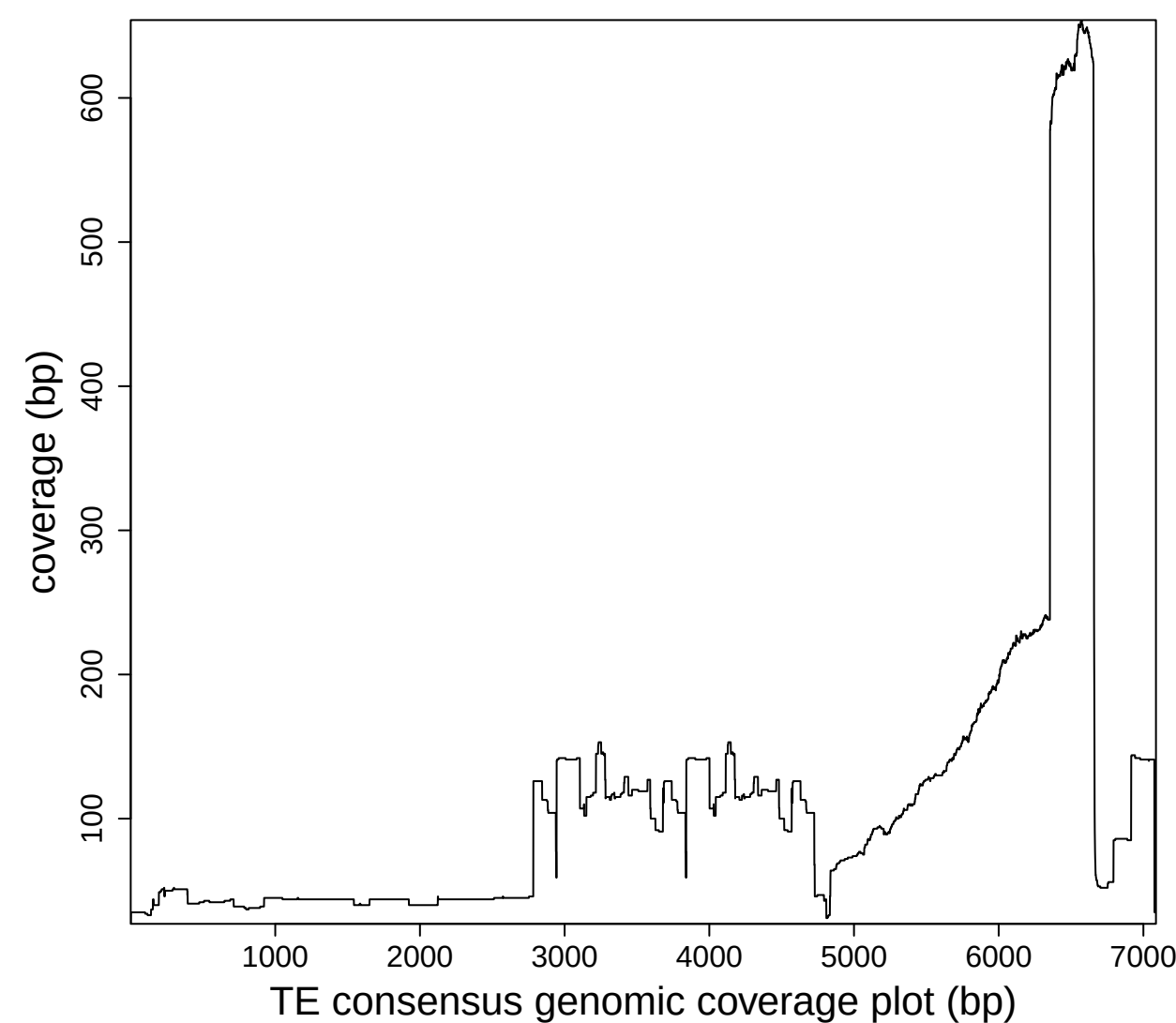
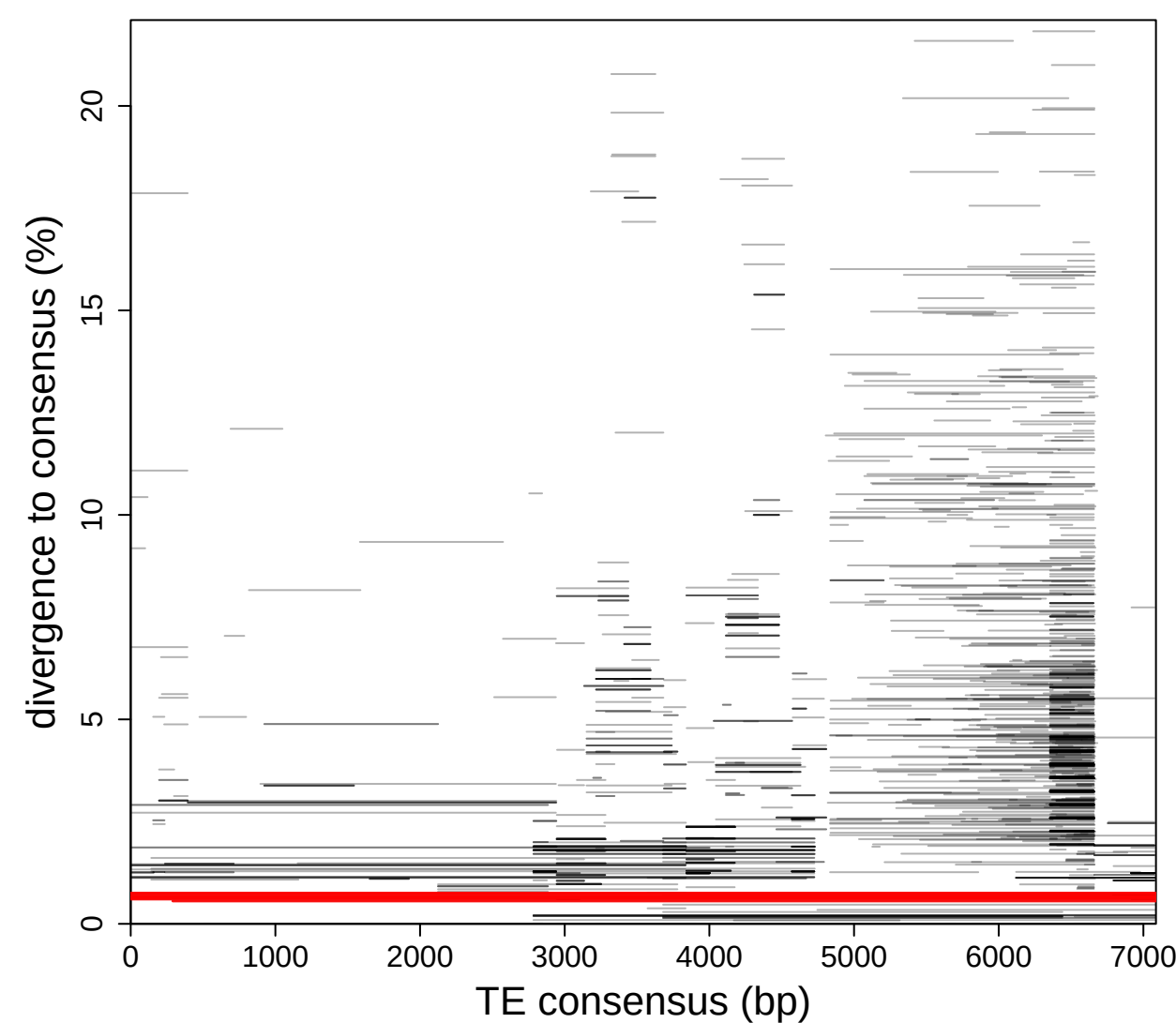
.bed uf.bed g 2.bed fm 1.bed 0 0 n.bed g 1.bed fm 2.bed (
size: 24666bp; fragments: 109733; full length: 0 (>=22199.4bp

After TEtrimmer Extended plot

Blue lines are boundaries



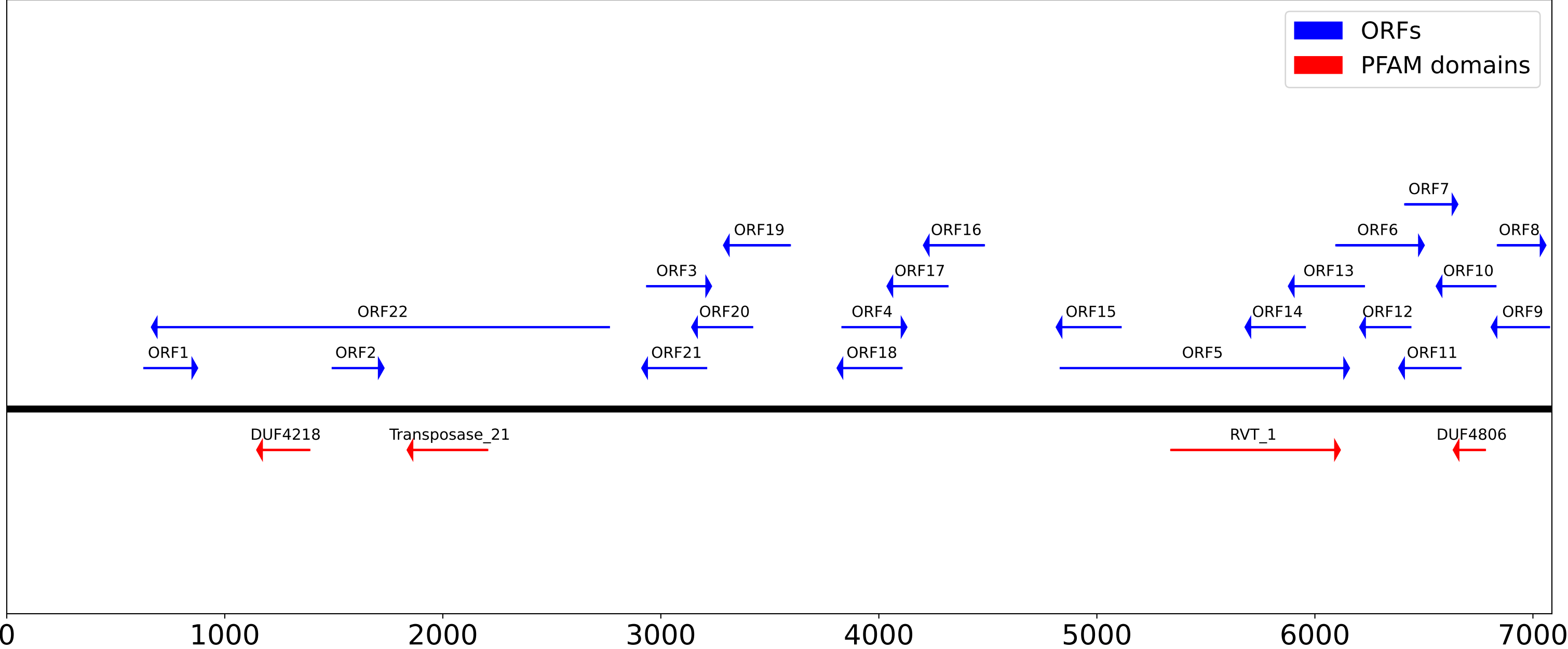
TE: rnd_5_family_14735
size: 7087bp; fragments: 1552; full length: 11 (≥ 6378.3 bp)



Before TEtrimmer 7087 bp

The figure displays a genomic map of the *B. subtilis* 168 genome, spanning from 0 to 25,000,000 base pairs. The top track shows Open Reading Frames (ORFs) as blue arrows, with labels such as ORF1, ORF2, ORF3, ORF4, ORF5, ORF6, ORF7, ORF8, ORF9, ORF10, ORF11, ORF12, ORF13, ORF14, ORF15, ORF16, ORF17, ORF18, ORF19, ORF20, ORF21, ORF22, ORF23, ORF24, ORF25, ORF26, ORF27, ORF28, ORF29, ORF30, ORF31, ORF32, ORF33, ORF34, ORF35, ORF36, ORF37, ORF38, ORF39, ORF40, ORF41, ORF42, ORF43, ORF44, ORF45, ORF46, ORF47, ORF48, ORF49, ORF50, ORF51, ORF52, ORF53, ORF54, ORF55, ORF56, ORF57, ORF58, ORF59, ORF60, ORF61, ORF62, ORF63, ORF64, ORF65, and ORF66. The bottom track shows PFAM domains as red arrows, with labels such as DUF4218, DUF4219, RVT_1, DUF4806, DUF4807, DUF4808, DUF4809, DUF4810, DUF4811, DUF4812, DUF4813, DUF4814, DUF4815, DUF4816, DUF4817, DUF4818, DUF4819, DUF4820, DUF4821, DUF4822, DUF4823, DUF4824, DUF4825, DUF4826, DUF4827, DUF4828, DUF4829, DUF4830, DUF4831, DUF4832, DUF4833, DUF4834, DUF4835, DUF4836, DUF4837, DUF4838, DUF4839, DUF4840, DUF4841, DUF4842, DUF4843, DUF4844, DUF4845, DUF4846, DUF4847, DUF4848, DUF4849, DUF4850, DUF4851, DUF4852, DUF4853, DUF4854, DUF4855, DUF4856, DUF4857, DUF4858, DUF4859, DUF4860, DUF4861, DUF4862, DUF4863, DUF4864, DUF4865, DUF4866, DUF4867, DUF4868, DUF4869, DUF4870, DUF4871, DUF4872, DUF4873, DUF4874, DUF4875, DUF4876, DUF4877, DUF4878, DUF4879, DUF4880, DUF4881, DUF4882, DUF4883, DUF4884, DUF4885, DUF4886, DUF4887, DUF4888, DUF4889, DUF4890, DUF4891, DUF4892, DUF4893, DUF4894, DUF4895, DUF4896, DUF4897, DUF4898, DUF4899, DUF4900, DUF4901, DUF4902, DUF4903, DUF4904, DUF4905, DUF4906, DUF4907, DUF4908, DUF4909, DUF4910, DUF4911, DUF4912, DUF4913, DUF4914, DUF4915, DUF4916, DUF4917, DUF4918, DUF4919, DUF4920, DUF4921, DUF4922, DUF4923, DUF4924, DUF4925, DUF4926, DUF4927, DUF4928, DUF4929, DUF4930, DUF4931, DUF4932, DUF4933, DUF4934, DUF4935, DUF4936, DUF4937, DUF4938, DUF4939, DUF4940, DUF4941, DUF4942, DUF4943, DUF4944, DUF4945, DUF4946, DUF4947, DUF4948, DUF4949, DUF4950, DUF4951, DUF4952, DUF4953, DUF4954, DUF4955, DUF4956, DUF4957, DUF4958, DUF4959, DUF4960, DUF4961, DUF4962, DUF4963, DUF4964, DUF4965, DUF4966, DUF4967, DUF4968, DUF4969, DUF4970, DUF4971, DUF4972, DUF4973, DUF4974, DUF4975, DUF4976, DUF4977, DUF4978, DUF4979, DUF4980, DUF4981, DUF4982, DUF4983, DUF4984, DUF4985, DUF4986, DUF4987, DUF4988, DUF4989, DUF4990, DUF4991, DUF4992, DUF4993, DUF4994, DUF4995, DUF4996, DUF4997, DUF4998, DUF4999, DUF5000, DUF5001, DUF5002, DUF5003, DUF5004, DUF5005, DUF5006, DUF5007, DUF5008, DUF5009, DUF5010, DUF5011, DUF5012, DUF5013, DUF5014, DUF5015, DUF5016, DUF5017, DUF5018, DUF5019, DUF5020, DUF5021, DUF5022, DUF5023, DUF5024, DUF5025, DUF5026, DUF5027, DUF5028, DUF5029, DUF5030, DUF5031, DUF5032, DUF5033, DUF5034, DUF5035, DUF5036, DUF5037, DUF5038, DUF5039, DUF5040, DUF5041, DUF5042, DUF5043, DUF5044, DUF5045, DUF5046, DUF5047, DUF5048, DUF5049, DUF5050, DUF5051, DUF5052, DUF5053, DUF5054, DUF5055, DUF5056, DUF5057, DUF5058, DUF5059, DUF5060, DUF5061, DUF5062, DUF5063, DUF5064, DUF5065, DUF5066, DUF5067, DUF5068, DUF5069, DUF5070, DUF5071, DUF5072, DUF5073, DUF5074, DUF5075, DUF5076, DUF5077, DUF5078, DUF5079, DUF5080, DUF5081, DUF5082, DUF5083, DUF5084, DUF5085, DUF5086, DUF5087, DUF5088, DUF5089, DUF5090, DUF5091, DUF5092, DUF5093, DUF5094, DUF5095, DUF5096, DUF5097, DUF5098, DUF5099, DUF5100, DUF5101, DUF5102, DUF5103, DUF5104, DUF5105, DUF5106, DUF5107, DUF5108, DUF5109, DUF5110, DUF5111, DUF5112, DUF5113, DUF5114, DUF5115, DUF5116, DUF5117, DUF5118, DUF5119, DUF5120, DUF5121, DUF5122, DUF5123, DUF5124, DUF5125, DUF5126, DUF5127, DUF5128, DUF5129, DUF5130, DUF5131, DUF5132, DUF5133, DUF5134, DUF5135, DUF5136, DUF5137, DUF5138, DUF5139, DUF5140, DUF5141, DUF5142, DUF5143, DUF5144, DUF5145, DUF5146, DUF5147, DUF5148, DUF5149, DUF5150, DUF5151, DUF5152, DUF5153, DUF5154, DUF5155, DUF5156, DUF5157, DUF5158, DUF5159, DUF5160, DUF5161, DUF5162, DUF5163, DUF5164, DUF5165, DUF5166, DUF5167, DUF5168, DUF5169, DUF5170, DUF5171, DUF5172, DUF5173, DUF5174, DUF5175, DUF5176, DUF5177, DUF5178, DUF5179, DUF5180, DUF5181, DUF5182, DUF5183, DUF5184, DUF5185, DUF5186, DUF5187, DUF5188, DUF5189, DUF5190, DUF5191, DUF5192, DUF5193, DUF5194, DUF5195, DUF5196, DUF5197, DUF5198, DUF5199, DUF5200, DUF5201, DUF5202, DUF5203, DUF5204, DUF5205, DUF5206, DUF5207, DUF5208, DUF5209, DUF5210, DUF5211, DUF5212, DUF5213, DUF5214, DUF5215, DUF5216, DUF5217, DUF5218, DUF5219, DUF5220, DUF5221, DUF5222, DUF5223, DUF5224, DUF5225, DUF5226, DUF5227, DUF5228, DUF5229, DUF5230, DUF5231, DUF5232, DUF5233, DUF5234, DUF5235, DUF5236, DUF5237, DUF5238, DUF5239, DUF5240, DUF5241, DUF5242, DUF5243, DUF5244, DUF5245, DUF5246, DUF5247, DUF5248, DUF5249, DUF5250, DUF5251, DUF5252, DUF5253, DUF5254, DUF5255, DUF5256, DUF5257, DUF5258, DUF5259, DUF5260, DUF5261, DUF5262, DUF5263, DUF5264, DUF5265, DUF5266, DUF5267, DUF5268, DUF5269, DUF5270, DUF5271, DUF5272, DUF5273, DUF5274, DUF5275, DUF5276, DUF5277, DUF5278, DUF5279, DUF5280, DUF5281, DUF5282, DUF5283, DUF5284, DUF5285, DUF5286, DUF5287, DUF5288, DUF5289, DUF5290, DUF5291, DUF5292, DUF5293, DUF5294, DUF5295, DUF5296, DUF5297, DUF5298, DUF5299, DUF5300, DUF5301, DUF5302, DUF5303, DUF5304, DUF5305, DUF5306, DUF5307, DUF5308, DUF5309, DUF5310, DUF5311, DUF5312, DUF5313, DUF5314, DUF5315, DUF5316, DUF5317, DUF5318, DUF5319, DUF5320, DUF5321, DUF5322, DUF5323, DUF5324, DUF5325, DUF5326, DUF53

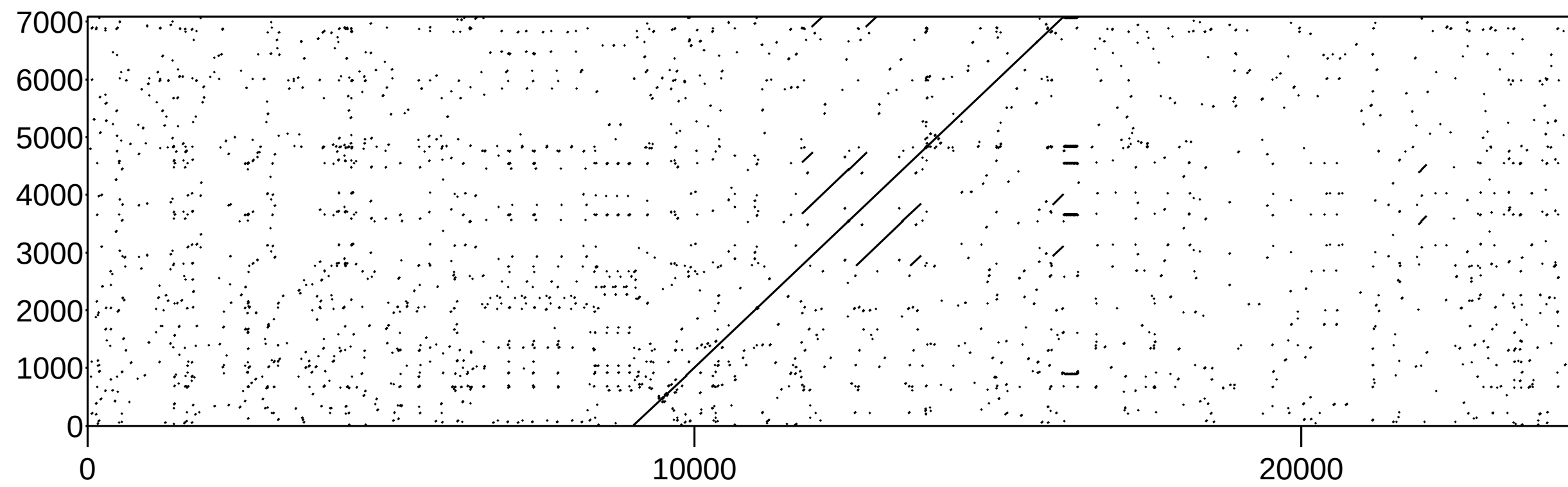
Before TEtrimmer ORF and PFAM domain plot



Dotplot

(windowsize = 25, threshold = 50.00 10/10/25)

consensus before TEtrimmer (bp)



TE consensus after TEtrimmer (bp)