

Supplementary Information Contents

Page 2: Table S1. Sample metadata and accession information for RNA-seq libraries from *Gammarus pulex*.

Table S1. Sample metadata and accession information for RNA-seq libraries from *Gammarus pulex*.

This table lists internal sample names, collection dates, geographic coordinates, and corresponding NCBI accessions (SRA run, BioSample, and Experiment) for specimens collected in Sweden and Germany.

sample_name	country	collection_date	lat_wgs84	lon_wgs84	sra_run_accession	biosample_accession	experiment_accession
DE_01	Germany	2021-10-29	51.849829	10.797051	SRR32767953	SAMN47145853	SRX28052682
DE_02	Germany	2021-10-29	51.849829	10.797051	SRR32767952	SAMN47145854	SRX28052683
DE_03	Germany	2021-10-29	51.849829	10.797051	SRR32767951	SAMN47145855	SRX28052684
DE_04	Germany	2021-10-29	51.849829	10.797051	SRR32767950	SAMN47145856	SRX28052685
DE_05	Germany	2021-10-29	51.849829	10.797051	SRR32767949	SAMN47145857	SRX28052686
DE_06	Germany	2021-10-29	51.867888	10.873541	SRR32767947	SAMN47145858	SRX28052688
DE_07	Germany	2021-10-29	51.867888	10.873541	SRR32767946	SAMN47145859	SRX28052689
DE_08	Germany	2021-10-29	51.867888	10.873541	SRR32767945	SAMN47145860	SRX28052690
DE_09	Germany	2021-10-29	51.867888	10.873541	SRR32767944	SAMN47145861	SRX28052691
DE_10	Germany	2021-10-29	51.867888	10.873541	SRR32767943	SAMN47145862	SRX28052692
DE_11	Germany	2021-10-30	51.885029	10.963073	SRR32767942	SAMN47145863	SRX28052693
DE_12	Germany	2021-10-30	51.885029	10.963073	SRR32767941	SAMN47145864	SRX28052694
DE_13	Germany	2021-10-30	51.885029	10.963073	SRR32767940	SAMN47145865	SRX28052695
DE_14	Germany	2021-10-30	51.885029	10.963073	SRR32767939	SAMN47145866	SRX28052696
DE_15	Germany	2021-10-30	51.885029	10.963073	SRR32767938	SAMN47145867	SRX28052697
DE_16	Germany	2021-10-29	51.904336	11.061795	SRR32767936	SAMN47145868	SRX28052699
DE_17	Germany	2021-10-29	51.904336	11.061795	SRR32767935	SAMN47145869	SRX28052700
DE_18	Germany	2021-10-29	51.904336	11.061795	SRR32767934	SAMN47145870	SRX28052701
DE_19	Germany	2021-10-29	51.904336	11.061795	SRR32767933	SAMN47145871	SRX28052702
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DE_21	Germany	2021-10-29	51.905442	11.067436	SRR32767931	SAMN47145873	SRX28052704
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DE_23	Germany	2021-10-29	51.905442	11.067436	SRR32767929	SAMN47145875	SRX28052706
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DE_28	Germany	2021-10-30	51.941626	11.158676	SRR32767923	SAMN47145880	SRX28052712
DE_29	Germany	2021-10-30	51.941626	11.158676	SRR32767922	SAMN47145881	SRX28052713
DE_30	Germany	2021-10-30	51.941626	11.158676	SRR32767921	SAMN47145882	SRX28052714

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SW_03	Swede n	2021-07-14	55.5750 26	13.7001 39	SRR32767970	SAMN47145820	SRX28052665
SW_04	Swede n	2021-07-14	55.5750 26	13.7001 39	SRR32767959	SAMN47145821	SRX28052676
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SW_06	Swede n	2021-07-13	55.4326 67	13.4543 89	SRR32767937	SAMN47145823	SRX28052698
SW_07	Swede n	2021-07-13	55.4326 67	13.4543 89	SRR32767926	SAMN47145824	SRX28052709
SW_08	Swede n	2021-07-13	55.4326 67	13.4543 89	SRR32767920	SAMN47145825	SRX28052715
SW_09	Swede n	2021-07-13	55.4326 67	13.4543 89	SRR32767919	SAMN47145826	SRX28052716
SW_10	Swede n	2021-07-13	55.4326 67	13.4543 89	SRR32767918	SAMN47145827	SRX28052717
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SW_13	Swede n	2021-07-15	55.6879 44	13.0778 33	SRR32767978	SAMN47145830	SRX28052657
SW_14	Swede n	2021-07-15	55.6879 44	13.0778 33	SRR32767977	SAMN47145831	SRX28052658
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SW_16	Swede n	2021-07-14	55.8552 24	12.9270 46	SRR32767975	SAMN47145833	SRX28052660
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SW_19	Swede n	2021-07-14	55.8552 24	12.9270 46	SRR32767972	SAMN47145836	SRX28052663
SW_20	Swede n	2021-07-14	55.8552 24	12.9270 46	SRR32767971	SAMN47145837	SRX28052664
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SW_24	Swede n	2021-07-14	55.5912 97	13.4225 03	SRR32767966	SAMN47145841	SRX28052669
SW_25	Swede n	2021-07-14	55.5912 97	13.4225 03	SRR32767965	SAMN47145842	SRX28052670
SW_26	Swede n	2021-07-14	55.6839 06	13.1799 30	SRR32767964	SAMN47145843	SRX28052671
SW_27	Swede n	2021-07-14	55.6839 06	13.1799 30	SRR32767963	SAMN47145844	SRX28052672
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SW_30	Swede n	2021-07-14	55.6839 06	13.1799 30	SRR32767960	SAMN47145847	SRX28052675
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SW_34	Swede n	2021-07-13	55.4489 64	13.5921 80	SRR32767955	SAMN47145851	SRX28052680
SW_35	Swede n	2021-07-13	55.4489 64	13.5921 80	SRR32767954	SAMN47145852	SRX28052681