

Appendix 4. U–Pb zircon data of the tuff and tuffaceous samples from the Sanjakugoshaku Formation, Nogata Group, and standard zircon in this study. Abbreviations: C = concordant grain; D = discordant grain.

SARUTA (Lower part of the Sanjakugoshaku Formation ; 130° 38' 00.6" E; 33° 48' 02.2" N)								
Sample	Isotope ratios				Age (Ma)			Note
	$^{207}\text{Pb}/^{235}\text{U}$	2σ	$^{206}\text{Pb}/^{238}\text{U}$	2σ	Th/U ^{235}U – ^{207}Pb	2σ	^{238}U – ^{206}Pb	
SARUTA-01	0.04966 ± 0.00295		0.00707 ± 0.00021		1.03	49.2 ± 2.9	45.4 ± 1.3	D
SARUTA-02	0.09315 ± 0.00435		0.01382 ± 0.00038		0.29	90.4 ± 4.0	88.5 ± 2.4	C
SARUTA-03	0.05977 ± 0.00201		0.00936 ± 0.00022		0.37	58.9 ± 1.9	60.0 ± 1.4	C
SARUTA-04	0.04768 ± 0.00219		0.00720 ± 0.00019		1.44	47.3 ± 2.1	46.3 ± 1.2	C
SARUTA-05	0.06814 ± 0.00275		0.01109 ± 0.00028		0.63	66.9 ± 2.6	71.1 ± 1.8	D
SARUTA-06	0.04983 ± 0.00421		0.00728 ± 0.00025		1.18	49.4 ± 4.1	46.8 ± 1.6	C
SARUTA-07	0.08985 ± 0.00886		0.01355 ± 0.00056		0.47	87.4 ± 8.3	86.8 ± 3.6	C
SARUTA-08	0.11067 ± 0.00353		0.01682 ± 0.00039		0.17	106.6 ± 3.2	107.5 ± 2.5	C
SARUTA-09	0.06974 ± 0.00683		0.00966 ± 0.00038		0.57	68.5 ± 6.5	62.0 ± 2.4	C
SARUTA-10	0.06880 ± 0.00736		0.00778 ± 0.00033		0.65	67.6 ± 7.0	50.0 ± 2.1	D
SARUTA-11	0.10567 ± 0.00470		0.01376 ± 0.00038		0.51	102.0 ± 4.3	88.1 ± 2.4	D
SARUTA-12	0.10979 ± 0.00457		0.01730 ± 0.00046		0.22	105.8 ± 4.2	110.6 ± 2.9	D
SARUTA-13	0.05323 ± 0.00465		0.00778 ± 0.00028		0.61	52.7 ± 4.5	50.0 ± 1.8	C
SARUTA-14	0.04699 ± 0.00300		0.00717 ± 0.00021		0.80	46.6 ± 2.9	46.0 ± 1.4	C
SARUTA-15	0.04449 ± 0.00979		0.00724 ± 0.00044		0.73	44.2 ± 9.5	46.5 ± 2.8	C
SARUTA-16	0.04208 ± 0.01066		0.00743 ± 0.00047		1.32	41.9 ± 10.4	47.7 ± 3.0	C
SARUTA-17	0.06616 ± 0.00601		0.01011 ± 0.00045		0.65	65.1 ± 5.7	64.9 ± 2.8	C
SARUTA-18	0.03698 ± 0.00818		0.00762 ± 0.00042		1.13	36.9 ± 8.0	48.9 ± 2.7	D
SARUTA-19	0.07214 ± 0.00788		0.01133 ± 0.00055		0.82	70.7 ± 7.5	72.6 ± 3.5	C
SARUTA-20	0.04509 ± 0.00278		0.00716 ± 0.00027		1.75	44.8 ± 2.7	46.0 ± 1.7	C
SARUTA-21	0.08681 ± 0.00554		0.01312 ± 0.00052		0.56	84.5 ± 5.2	84.0 ± 3.3	C
SARUTA-22	0.05569 ± 0.00458		0.01034 ± 0.00042		0.59	55.0 ± 4.4	66.3 ± 2.7	D
SARUTA-23	0.03125 ± 0.00791		0.00664 ± 0.00037		0.66	31.2 ± 7.8	42.7 ± 2.4	D
SARUTA-24	0.18327 ± 0.02280		0.00827 ± 0.00058		0.73	170.9 ± 19.6	53.1 ± 3.7	D
SARUTA-25	0.04992 ± 0.00558		0.00746 ± 0.00035		0.63	49.5 ± 5.4	47.9 ± 2.2	C
SARUTA-26	0.09503 ± 0.00550		0.01444 ± 0.00055		0.57	92.2 ± 5.1	92.4 ± 3.5	C
SARUTA-27	0.04802 ± 0.00641		0.00698 ± 0.00035		0.76	47.6 ± 6.2	44.8 ± 2.2	C
SARUTA-28	0.03954 ± 0.00442		0.00686 ± 0.00030		1.66	39.4 ± 4.3	44.1 ± 1.9	C
SARUTA-29	0.06615 ± 0.00603		0.00985 ± 0.00049		0.57	65.0 ± 5.7	63.2 ± 3.1	C
SARUTA-30	0.09413 ± 0.00659		0.01332 ± 0.00063		0.96	91.3 ± 6.1	85.3 ± 4.0	D
SARUTA-31	0.04942 ± 0.00662		0.00640 ± 0.00036		1.32	49.0 ± 6.4	41.1 ± 2.3	D
SARUTA-32	0.04693 ± 0.00534		0.00735 ± 0.00038		1.78	46.6 ± 5.2	47.2 ± 2.4	C
SARUTA-33	0.04300 ± 0.00470		0.00714 ± 0.00036		0.65	42.7 ± 4.6	45.8 ± 2.3	C
SARUTA-34	0.04685 ± 0.00512		0.00723 ± 0.00037		1.26	46.5 ± 5.0	46.4 ± 2.4	C
SARUTA-35	0.04428 ± 0.00375		0.00686 ± 0.00032		1.26	44.0 ± 3.6	44.1 ± 2.1	C
SARUTA-36	0.08814 ± 0.00729		0.01377 ± 0.00068		0.43	85.8 ± 6.8	88.2 ± 4.3	C
SARUTA-37	0.04477 ± 0.00301		0.00709 ± 0.00032		1.33	44.5 ± 2.9	45.6 ± 2.0	C

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SARUTA-38	0.06159 ± 0.01553	0.00715 ± 0.00056	0.53	60.7 ± 14.9	45.9 ± 3.6	C
SARUTA-39	0.04514 ± 0.00574	0.00745 ± 0.00040	1.14	44.8 ± 5.6	47.9 ± 2.5	C
SARUTA-40	0.08798 ± 0.00585	0.01333 ± 0.00061	0.61	85.6 ± 5.5	85.3 ± 3.9	C
SARUTA-41	0.09142 ± 0.00644	0.01393 ± 0.00066	0.53	88.8 ± 6.0	89.2 ± 4.2	C
SARUTA-42	0.05413 ± 0.00784	0.00760 ± 0.00044	0.46	53.5 ± 7.5	48.8 ± 2.8	C
standard						
OD-3-01	0.03194 ± 0.00186	0.00512 ± 0.00014	1.03	31.9 ± 1.8	33.0 ± 0.9	C
OD-3-02	0.03234 ± 0.00198	0.00504 ± 0.00014	1.30	32.3 ± 1.9	32.4 ± 0.9	C
OD-3-03	0.03431 ± 0.00207	0.00505 ± 0.00014	1.57	34.3 ± 2.0	32.5 ± 0.9	C

HONDA (Middle part of the Sanjakugoshaku Formation ; 130° 38' 14.8" E; 33° 48' 14.2" N)

Sample	Isotope ratios				Age (Ma)			Note
	$^{207}\text{Pb}/^{235}\text{U}$	2σ	$^{206}\text{Pb}/^{238}\text{U}$	2σ	Th/U ^{235}U - ^{207}Pb	2σ	^{238}U - ^{206}Pb	
HONDA-01	0.11700 ± 0.00530		0.01464 ± 0.00032		0.43	112.3 ± 4.8	93.7 ± 2.0	D
HONDA-02	0.04566 ± 0.00201		0.00713 ± 0.00015		2.10	45.3 ± 2.0	45.8 ± 1.0	C
HONDA-03	0.10402 ± 0.00676		0.00742 ± 0.00018		0.48	100.5 ± 6.2	47.6 ± 1.2	D
HONDA-04	0.04975 ± 0.00156		0.00711 ± 0.00015		1.27	49.3 ± 1.5	45.7 ± 0.9	D
HONDA-05	0.04425 ± 0.00457		0.00685 ± 0.00017		0.49	44.0 ± 4.4	44.0 ± 1.1	C
HONDA-06	0.04718 ± 0.00800		0.00716 ± 0.00020		1.78	46.8 ± 7.8	46.0 ± 1.3	C
HONDA-07	0.17504 ± 0.00426		0.02531 ± 0.00052		0.07	163.8 ± 3.7	161.1 ± 3.3	C
HONDA-08	0.04543 ± 0.00213		0.00715 ± 0.00015		0.13	45.1 ± 2.1	45.9 ± 1.0	C
HONDA-09	0.04673 ± 0.01150		0.00693 ± 0.00022		1.20	46.4 ± 11.2	44.5 ± 1.4	C
HONDA-10	0.04732 ± 0.00414		0.00673 ± 0.00016		0.49	46.9 ± 4.0	43.3 ± 1.0	C
HONDA-11	0.17169 ± 0.00587		0.02518 ± 0.00053		0.99	160.9 ± 5.1	160.3 ± 3.3	C
HONDA-12	0.05207 ± 0.00230		0.00698 ± 0.00019		0.62	51.5 ± 2.2	44.8 ± 1.2	D
HONDA-13	0.10317 ± 0.00307		0.01509 ± 0.00040		0.25	99.7 ± 2.8	96.5 ± 2.5	D
HONDA-14	0.07390 ± 0.00464		0.00698 ± 0.00020		0.72	72.4 ± 4.4	44.9 ± 1.3	D
HONDA-15	0.04667 ± 0.00160		0.00720 ± 0.00019		2.77	46.3 ± 1.6	46.3 ± 1.2	C
HONDA-16	0.23566 ± 0.00670		0.03315 ± 0.00088		0.56	214.9 ± 5.5	210.2 ± 5.5	D
HONDA-17	0.04439 ± 0.00280		0.00680 ± 0.00019		1.10	44.1 ± 2.7	43.7 ± 1.2	C
HONDA-18	0.10361 ± 0.01375		0.00761 ± 0.00027		1.52	100.1 ± 12.7	48.8 ± 1.7	D
HONDA-19	0.07951 ± 0.00579		0.00689 ± 0.00020		1.19	77.7 ± 5.4	44.3 ± 1.3	D
HONDA-20	0.04921 ± 0.00506		0.00678 ± 0.00020		0.56	48.8 ± 4.9	43.6 ± 1.3	C
HONDA-21	0.04528 ± 0.00173		0.00701 ± 0.00019		4.37	45.0 ± 1.7	45.0 ± 1.2	C
HONDA-22	0.05134 ± 0.00432		0.00721 ± 0.00021		0.46	50.8 ± 4.2	46.3 ± 1.3	D
HONDA-23	0.07731 ± 0.00416		0.00750 ± 0.00021		0.69	75.6 ± 3.9	48.1 ± 1.3	D
HONDA-24	0.05091 ± 0.00499		0.00709 ± 0.00019		0.53	50.4 ± 4.8	45.6 ± 1.2	C
HONDA-25	0.09433 ± 0.00505		0.01036 ± 0.00026		0.50	91.5 ± 4.7	66.4 ± 1.7	D
HONDA-26	0.10610 ± 0.01047		0.00743 ± 0.00023		0.99	102.4 ± 9.6	47.7 ± 1.4	D
HONDA-27	0.05483 ± 0.00589		0.00693 ± 0.00019		0.45	54.2 ± 5.7	44.5 ± 1.2	D
HONDA-28	0.04927 ± 0.00446		0.00680 ± 0.00018		0.48	48.8 ± 4.3	43.7 ± 1.2	D
HONDA-29	0.04416 ± 0.00164		0.00693 ± 0.00017		0.96	43.9 ± 1.6	44.5 ± 1.1	C

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HONDA-30	0.05952 ± 0.00679	0.00673 ± 0.00020	1.44	58.7 ± 6.5	43.3 ± 1.2	D
HONDA-31	0.04548 ± 0.00272	0.00694 ± 0.00017	1.70	45.2 ± 2.6	44.6 ± 1.1	C
HONDA-32	0.29374 ± 0.00814	0.04141 ± 0.00099	0.55	261.5 ± 6.4	261.6 ± 6.1	C
HONDA-33	0.20281 ± 0.00625	0.02635 ± 0.00063	0.18	187.5 ± 5.3	167.6 ± 4.0	D
HONDA-34	0.09067 ± 0.00635	0.01422 ± 0.00036	0.51	88.1 ± 5.9	91.0 ± 2.3	C
HONDA-35	0.04993 ± 0.00497	0.00701 ± 0.00019	0.68	49.5 ± 4.8	45.1 ± 1.2	C
HONDA-36	0.12682 ± 0.00424	0.01340 ± 0.00032	0.39	121.2 ± 3.8	85.8 ± 2.1	D
HONDA-37	0.08694 ± 0.00685	0.00714 ± 0.00020	0.96	84.7 ± 6.4	45.8 ± 1.3	D
standard						
OD-3-01	0.03153 ± 0.00257	0.00505 ± 0.00015	0.99	31.5 ± 2.5	32.5 ± 1.0	C
OD-3-02	0.03817 ± 0.00815	0.00488 ± 0.00018	0.50	38.0 ± 8.0	31.4 ± 1.1	C
OD-3-03	0.03333 ± 0.00197	0.00494 ± 0.00012	1.15	33.3 ± 1.9	31.8 ± 0.8	C

KRS-Nogata (Upper part of the Sanjakugoshaku Formation ; 130°40'54.8"E; 33°42'21.1"N)

Sample	Isotope ratios				Age (Ma)			Note
	$^{207}\text{Pb}/^{235}\text{U}$	2σ	$^{206}\text{Pb}/^{238}\text{U}$	2σ	Th/U ^{235}U - ^{207}Pb	2σ	^{238}U - ^{206}Pb	
MIYAWAKA-01	0.04479 ± 0.00300		0.00664 ± 0.00020		1.03	44.5 ± 2.9	42.6 ± 1.3	C
MIYAWAKA-02	0.04475 ± 0.00449		0.00658 ± 0.00022		1.14	44.4 ± 4.4	42.3 ± 1.4	C
MIYAWAKA-03	0.04384 ± 0.00303		0.00654 ± 0.00020		1.33	43.6 ± 2.9	42.0 ± 1.3	C
MIYAWAKA-04	0.06770 ± 0.02929		0.00648 ± 0.00049		0.37	66.5 ± 27.9	41.7 ± 3.2	C
MIYAWAKA-05	0.04307 ± 0.00387		0.00649 ± 0.00021		1.34	42.8 ± 3.8	41.7 ± 1.4	C
MIYAWAKA-06	0.67347 ± 0.12894		0.01025 ± 0.00103		3.68	522.8 ± 78.2	65.7 ± 6.5	D
MIYAWAKA-07	0.05818 ± 0.01308		0.00633 ± 0.00031		0.64	57.4 ± 12.5	40.7 ± 2.0	D
MIYAWAKA-08	0.09487 ± 0.01513		0.00672 ± 0.00032		0.43	92.0 ± 14.0	43.2 ± 2.1	D
MIYAWAKA-09	0.05630 ± 0.00371		0.00665 ± 0.00021		1.73	55.6 ± 3.6	42.7 ± 1.3	D
MIYAWAKA-10	0.15162 ± 0.01486		0.00688 ± 0.00029		1.47	143.3 ± 13.1	44.2 ± 1.9	D
MIYAWAKA-11	0.04100 ± 0.00605		0.00648 ± 0.00024		1.26	40.8 ± 5.9	41.7 ± 1.5	C
MIYAWAKA-12	0.04479 ± 0.00547		0.00650 ± 0.00023		1.41	44.5 ± 5.3	41.8 ± 1.5	C
MIYAWAKA-13	0.04290 ± 0.00306		0.00649 ± 0.00020		1.39	42.6 ± 3.0	41.7 ± 1.3	C
MIYAWAKA-14	0.04701 ± 0.00299		0.00658 ± 0.00020		1.95	46.6 ± 2.9	42.3 ± 1.3	D
MIYAWAKA-15	0.04846 ± 0.02035		0.00640 ± 0.00038		0.37	48.1 ± 19.7	41.1 ± 2.4	C
MIYAWAKA-16	0.04560 ± 0.00377		0.00659 ± 0.00014		1.04	45.3 ± 3.7	42.4 ± 0.9	C
MIYAWAKA-17	0.04428 ± 0.00737		0.00648 ± 0.00020		0.74	44.0 ± 7.2	41.6 ± 1.3	C
MIYAWAKA-18	0.04544 ± 0.00473		0.00642 ± 0.00015		0.99	45.1 ± 4.6	41.3 ± 1.0	C
MIYAWAKA-19	0.04221 ± 0.00858		0.00656 ± 0.00022		0.59	42.0 ± 8.4	42.2 ± 1.4	C
MIYAWAKA-20	0.04400 ± 0.00347		0.00645 ± 0.00013		1.09	43.7 ± 3.4	41.4 ± 0.8	C
MIYAWAKA-21	0.04645 ± 0.00218		0.00673 ± 0.00011		1.30	46.1 ± 2.1	43.2 ± 0.7	D
MIYAWAKA-22	0.15479 ± 0.02656		0.00748 ± 0.00040		0.55	146.1 ± 23.4	48.0 ± 2.6	D
MIYAWAKA-23	0.04582 ± 0.01449		0.00658 ± 0.00031		0.54	45.5 ± 14.1	42.3 ± 2.0	C
MIYAWAKA-24	0.05348 ± 0.01468		0.00654 ± 0.00030		0.50	52.9 ± 14.1	42.0 ± 1.9	C
MIYAWAKA-25	0.03953 ± 0.00762		0.00620 ± 0.00020		1.03	39.4 ± 7.4	39.9 ± 1.3	C
MIYAWAKA-26	0.03992 ± 0.00933		0.00642 ± 0.00036		0.49	39.7 ± 9.1	41.2 ± 2.3	C

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MIYAWAKA-27	0.05203 ± 0.00967	0.00624 ± 0.00035	0.37	51.5 ± 9.3	40.1 ± 2.2	D
MIYAWAKA-28	0.03443 ± 0.01084	0.00643 ± 0.00038	0.74	34.4 ± 10.6	41.3 ± 2.4	C
MIYAWAKA-29	0.04418 ± 0.00444	0.00626 ± 0.00031	1.07	43.9 ± 4.3	40.2 ± 2.0	C
MIYAWAKA-30	0.05999 ± 0.01521	0.00650 ± 0.00042	0.60	59.2 ± 14.6	41.8 ± 2.7	D
MIYAWAKA-31	0.03706 ± 0.00847	0.00651 ± 0.00036	0.69	37.0 ± 8.3	41.8 ± 2.3	C
MIYAWAKA-32	0.19868 ± 0.02043	0.00837 ± 0.00047	0.60	184.0 ± 17.3	53.7 ± 3.0	D
MIYAWAKA-33	0.04105 ± 0.00550	0.00628 ± 0.00032	1.06	40.8 ± 5.4	40.4 ± 2.0	C
MIYAWAKA-34	0.04219 ± 0.00504	0.00621 ± 0.00031	0.51	42.0 ± 4.9	39.9 ± 2.0	C
MIYAWAKA-35	0.04768 ± 0.00908	0.00638 ± 0.00035	0.67	47.3 ± 8.8	41.0 ± 2.3	C
MIYAWAKA-36	0.03796 ± 0.01426	0.00611 ± 0.00040	0.45	37.8 ± 14.0	39.2 ± 2.5	C
MIYAWAKA-37	0.04477 ± 0.00577	0.00627 ± 0.00032	0.84	44.5 ± 5.6	40.3 ± 2.0	C
MIYAWAKA-38	0.04430 ± 0.00926	0.00638 ± 0.00036	0.86	44.0 ± 9.0	41.0 ± 2.3	C
MIYAWAKA-39	0.07985 ± 0.01145	0.00632 ± 0.00036	0.75	78.0 ± 10.8	40.6 ± 2.3	D

standard

OD-3-1	0.03471 ± 0.00282	0.00519 ± 0.00017	1.24	34.6 ± 2.8	33.4 ± 1.1	C
OD-3-2	0.03522 ± 0.00518	0.00505 ± 0.00015	1.04	35.1 ± 5.1	32.5 ± 0.9	C
OD-3-3	0.03224 ± 0.00377	0.00495 ± 0.00025	1.32	32.2 ± 3.7	31.8 ± 1.6	C

EBITSU (Uppermost part of the Sanjakugoshaku Formation ; 130° 37' 04.0" E; 33° 50' 32.0" N)

Sample	Isotope ratios				Age (Ma)			Note
	$^{207}\text{Pb}/^{235}\text{U}$	2σ	$^{206}\text{Pb}/^{238}\text{U}$	2σ	Th/U ^{235}U - ^{207}Pb	2σ	^{238}U - ^{206}Pb	
EBITSU-01	0.04202 ± 0.00340		0.00619 ± 0.00032		0.51	41.8 ± 3.3	39.8 ± 2.0	C
EBITSU-02	0.04189 ± 0.00287		0.00629 ± 0.00032		1.22	41.7 ± 2.8	40.4 ± 2.1	C
EBITSU-03	0.03977 ± 0.00337		0.00624 ± 0.00032		0.51	39.6 ± 3.3	40.1 ± 2.1	C
EBITSU-04	0.04101 ± 0.00359		0.00608 ± 0.00031		0.39	40.8 ± 3.5	39.1 ± 2.0	C
EBITSU-05	0.03991 ± 0.00341		0.00624 ± 0.00032		1.89	39.7 ± 3.3	40.1 ± 2.1	C
EBITSU-06	0.04283 ± 0.00454		0.00636 ± 0.00033		0.47	42.6 ± 4.4	40.9 ± 2.1	C
EBITSU-07	0.04417 ± 0.00410		0.00630 ± 0.00032		0.89	43.9 ± 4.0	40.5 ± 2.1	C
EBITSU-08	0.04459 ± 0.00408		0.00633 ± 0.00033		0.82	44.3 ± 4.0	40.7 ± 2.1	C
EBITSU-09	0.04239 ± 0.00427		0.00631 ± 0.00033		0.38	42.2 ± 4.2	40.5 ± 2.1	C
EBITSU-10	0.04204 ± 0.00433		0.00626 ± 0.00032		0.74	41.8 ± 4.2	40.2 ± 2.1	C
EBITSU-11	0.04377 ± 0.00504		0.00628 ± 0.00033		0.33	43.5 ± 4.9	40.4 ± 2.1	C
EBITSU-12	0.14550 ± 0.00922		0.00734 ± 0.00038		2.28	137.9 ± 8.2	47.1 ± 2.4	D
EBITSU-13	0.04342 ± 0.00238		0.00630 ± 0.00032		1.70	43.2 ± 2.3	40.5 ± 2.0	C
EBITSU-14	0.04094 ± 0.00130		0.00634 ± 0.00009		1.60	40.7 ± 1.3	40.8 ± 0.6	C
EBITSU-15	0.03741 ± 0.00308		0.00616 ± 0.00011		0.59	37.3 ± 3.0	39.6 ± 0.7	C
EBITSU-16	0.03944 ± 0.00220		0.00625 ± 0.00010		0.61	39.3 ± 2.2	40.1 ± 0.6	C
EBITSU-17	0.04292 ± 0.00646		0.00644 ± 0.00014		0.58	42.7 ± 6.3	41.4 ± 0.9	C
EBITSU-18	0.04025 ± 0.00147		0.00617 ± 0.00009		1.16	40.1 ± 1.4	39.6 ± 0.6	C
EBITSU-19	0.04480 ± 0.00279		0.00631 ± 0.00010		0.85	44.5 ± 2.7	40.6 ± 0.7	C
EBITSU-20	0.06137 ± 0.00417		0.00636 ± 0.00011		0.34	60.5 ± 4.0	40.9 ± 0.7	D
EBITSU-21	0.04747 ± 0.00471		0.00680 ± 0.00013		0.79	47.1 ± 4.6	43.7 ± 0.8	C

(to be continued to the next page)

EBITSU-22	0.04322 ± 0.00142	0.00622 ± 0.00009	1.92	43.0 ± 1.4	39.9 ± 0.6	C
EBITSU-23	0.04572 ± 0.00516	0.00618 ± 0.00012	0.38	45.4 ± 5.0	39.7 ± 0.8	C
EBITSU-24	1.27250 ± 0.03795	0.13190 ± 0.00195	1.64	833.5 ± 17.0	798.7 ± 11.1	D
EBITSU-25	0.04336 ± 0.00158	0.00659 ± 0.00010	1.39	43.1 ± 1.5	42.3 ± 0.6	C
EBITSU-26	0.04260 ± 0.00286	0.00653 ± 0.00011	0.49	42.4 ± 2.8	42.0 ± 0.7	C
EBITSU-27	0.04746 ± 0.00595	0.00633 ± 0.00013	1.07	47.1 ± 5.8	40.7 ± 0.8	D
EBITSU-28	0.04130 ± 0.00693	0.00637 ± 0.00021	0.48	41.1 ± 6.8	40.9 ± 1.4	C
EBITSU-29	0.04256 ± 0.00421	0.00647 ± 0.00020	0.67	42.3 ± 4.1	41.6 ± 1.3	C
EBITSU-30	0.04794 ± 0.01022	0.00640 ± 0.00023	0.94	47.5 ± 9.9	41.1 ± 1.5	C
EBITSU-31	0.04248 ± 0.00574	0.00634 ± 0.00020	0.70	42.2 ± 5.6	40.7 ± 1.3	C
EBITSU-32	0.04022 ± 0.00179	0.00627 ± 0.00018	1.07	40.0 ± 1.8	40.3 ± 1.2	C
EBITSU-33	0.03973 ± 0.00335	0.00635 ± 0.00019	0.38	39.6 ± 3.3	40.8 ± 1.2	C
EBITSU-34	0.04211 ± 0.00265	0.00619 ± 0.00018	0.70	41.9 ± 2.6	39.8 ± 1.2	C
EBITSU-35	0.04276 ± 0.00242	0.00636 ± 0.00019	1.51	42.5 ± 2.4	40.9 ± 1.2	C
EBITSU-36	0.04047 ± 0.00429	0.00635 ± 0.00020	0.42	40.3 ± 4.2	40.8 ± 1.3	C
EBITSU-37	0.04126 ± 0.00413	0.00633 ± 0.00019	1.44	41.0 ± 4.0	40.7 ± 1.2	C
EBITSU-38	0.06792 ± 0.00461	0.00975 ± 0.00029	0.53	66.7 ± 4.4	62.6 ± 1.8	C
EBITSU-39	0.04026 ± 0.00183	0.00641 ± 0.00018	0.82	40.1 ± 1.8	41.2 ± 1.2	C
EBITSU-40	0.04384 ± 0.00253	0.00639 ± 0.00019	0.72	43.6 ± 2.5	41.0 ± 1.2	C
EBITSU-41	0.03964 ± 0.00219	0.00626 ± 0.00018	2.41	39.5 ± 2.1	40.2 ± 1.2	C
standard						
OD-3-01	0.03099 ± 0.00212	0.00487 ± 0.00025	1.03	31.0 ± 2.1	31.3 ± 1.6	C
OD-3-02	0.03343 ± 0.00180	0.00507 ± 0.00008	1.17	33.4 ± 1.8	32.6 ± 0.5	C
OD-3-03	0.03416 ± 0.00298	0.00511 ± 0.00015	0.77	34.1 ± 2.9	32.9 ± 1.0	C