



*Supplement of*

## **SiR-actin-labelled granules in foraminifera: patterns, dynamics, and hypotheses**

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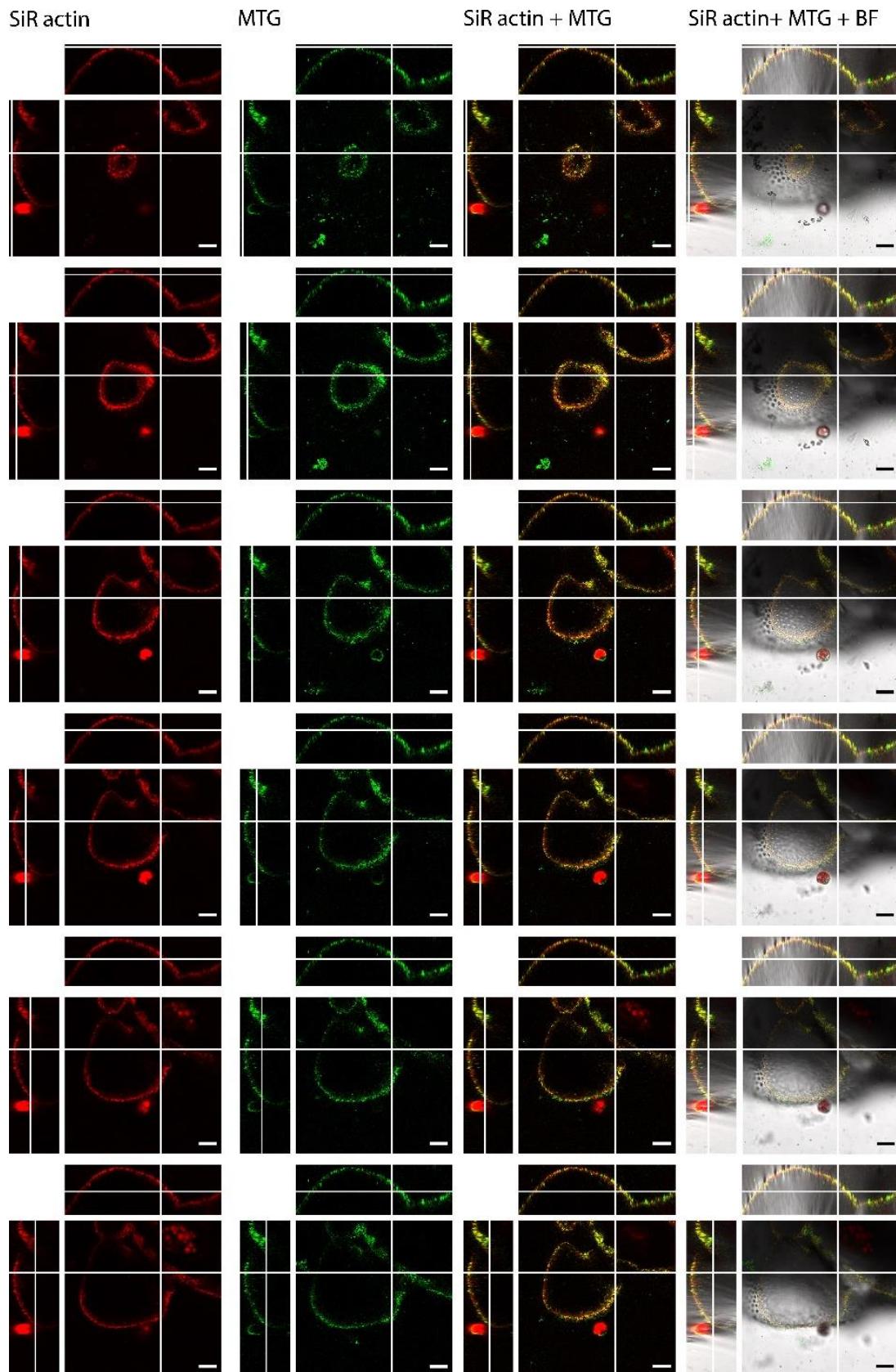
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**Movie S1.** Time lapse imaging showing flat lamellipodia of living *Ammonia* sp. attached to glass. Note the weak, not uniform actin-label following all membranous surfaces of pseudopodial structures. Linear structures seen at the beginning of the time lapse were subsequently transformed into ring structures. Images were obtained with *Zeiss Axio Observer Z.1*. Scale bar 20  $\mu\text{m}$ . Time interval between subsequent frames: 2.833 s. Video data can be accessed via the TIB AV-portal at <https://doi.org/10.5446/45179> (Goleń et al., 2020a).

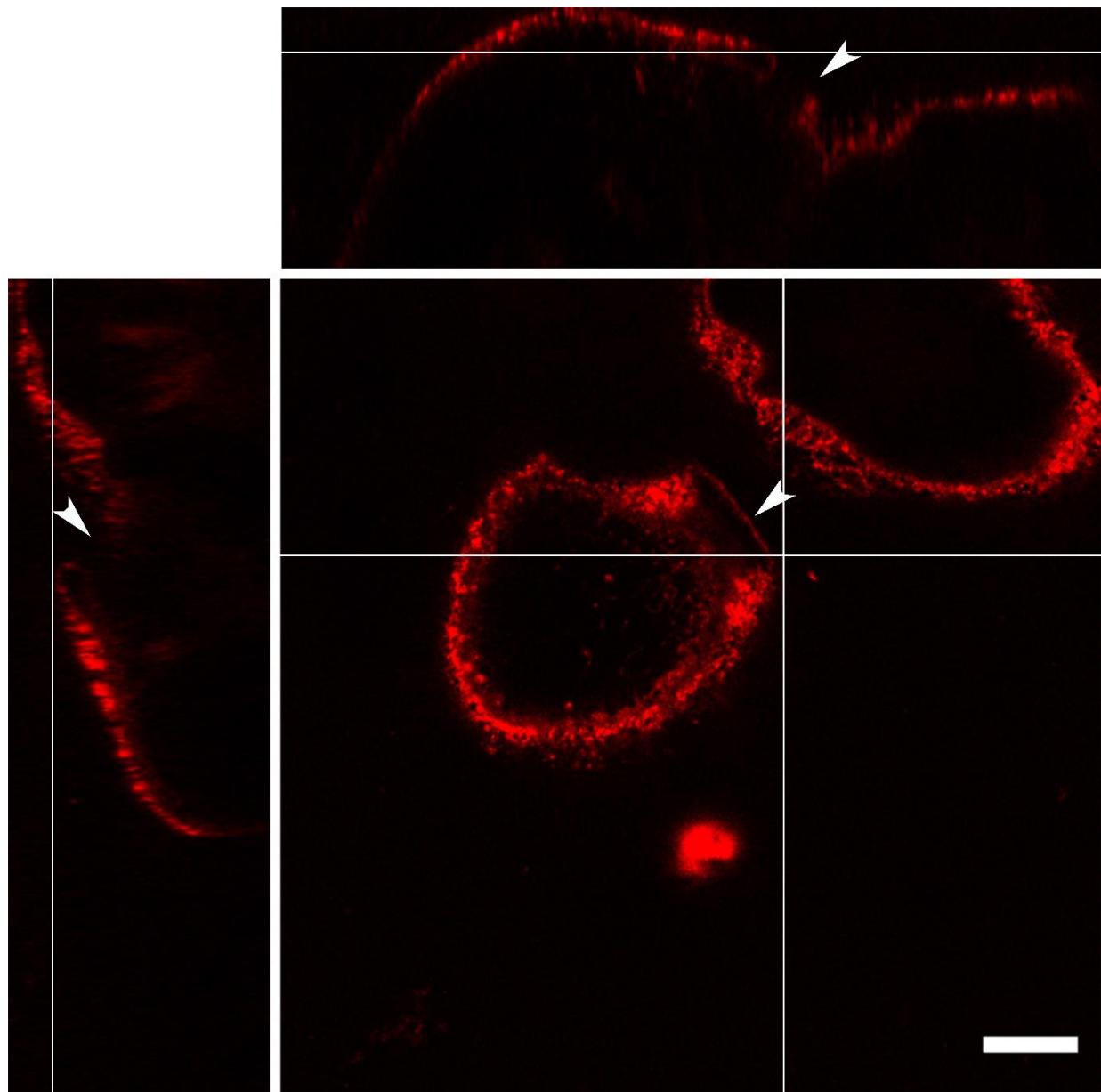
**Movie S2.** Time lapse showing SiR-actin-labelled granules (ALGs) and mitochondria in cross-section of a newly formed chamber in *Amphistegina lessonii* during the very early stage of biomineralization (pores are already visible in transmitted light). Note that ALGs and mitochondria do not overlap. Fig. 3 is based on the first frame of this time lapse. Images were obtained with *Leica SP5* inverted confocal microscope. Scale bar 10  $\mu\text{m}$ . Time interval between subsequent frames: 0.647 s. Video data can be accessed via the TIB AV-portal at <https://doi.org/10.5446/45180> (Goleń et al., 2020b).

**Movie S3.** Time lapse showing SiR-actin-labelled granules (ALGs) in a thick pseudopodial thread of *Amphistegina lessonii*. ALGs are moving bi-directionally along the pseudopodium stretching from the upper right corner of the image towards the bottom left of the image. The cell body was outside of the field of view in upper right side. Note that SiR-ALGs tends to move outward within the cortical part of the pseudopodium and inward in its core. Images were obtained with a *Zeiss Axio Observer Z.1*. Scale bar 10  $\mu\text{m}$ . Time interval between subsequent frames: 0.132 s. Video data can be accessed via the TIB AV-portal at <https://doi.org/10.5446/45181> (Goleń et al., 2020c).

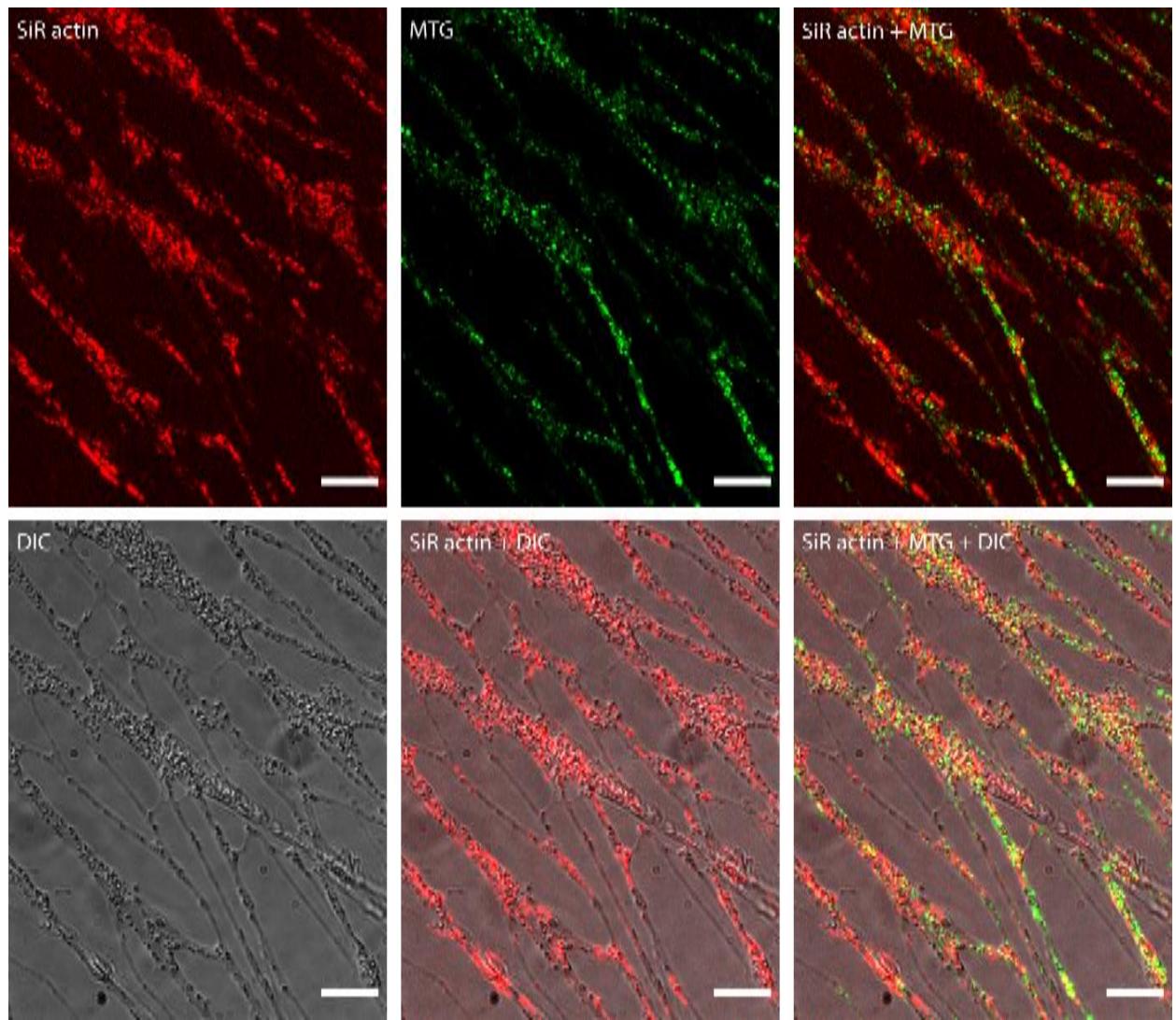
**Movie S4.** 50-frame time lapse movie showing annotation and tracking of SiR-actin-labelled granules (ALGs) in the pseudopodia of *Amphistegina lessonii*. The first part shows plane images (without annotation of spots or tracks) The second part shows the same images with annotated spots. The third part shows the images with spots annotated and tracks linking spots. The forth part shows images with tracks only. Tracking of ALGs was performed using TrackMate plug-in in *Fiji* software. Spots corresponding to ALGs were annotated automatically with LoG (Laplacian of Gaussian) detector (settings of detector used: estimated blob size – 1  $\mu\text{m}$ , threshold – 100). Tracking was performed manually. Conventional fluorescence images were obtained with *Zeiss Axio Observer Z.1*. Scale bar 10  $\mu\text{m}$ . Time interval between subsequent frames: 0.419 s. Video data can be accessed via the TIB AV-portal at <https://doi.org/10.5446/451782> (Goleń et al., 2020d).



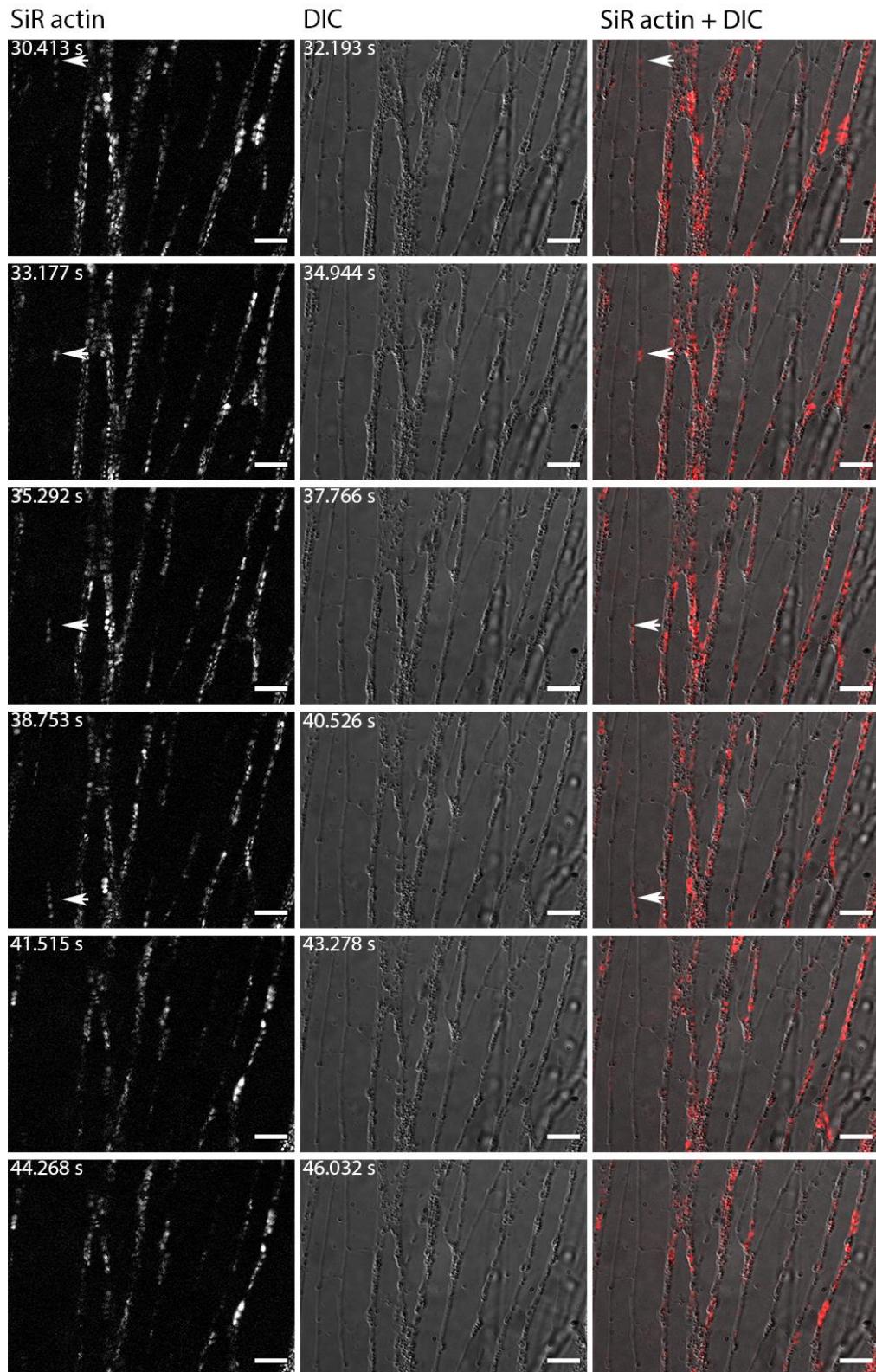
**Figure S1. Overview of the organisation of actin and mitochondria in lamellipodia during biomineralisation of a chamber in *Amphistegina lessonii*.** Six z-position form z stack. The first column presents a fluorescent channel showing actin cytoskeleton stained with SiR actin. The second column (MTG shows mitochondria stained with Mitotracker Green). The third column (SiR actin + MTG) presents overlap between the first two channels. The fourth column (SiR actin +MTG + BF) presents the overlap of both fluorescent channels with bright field. Images were obtained with Leica SP5 inverted confocal microscope. Scale bar 10  $\mu$ m.



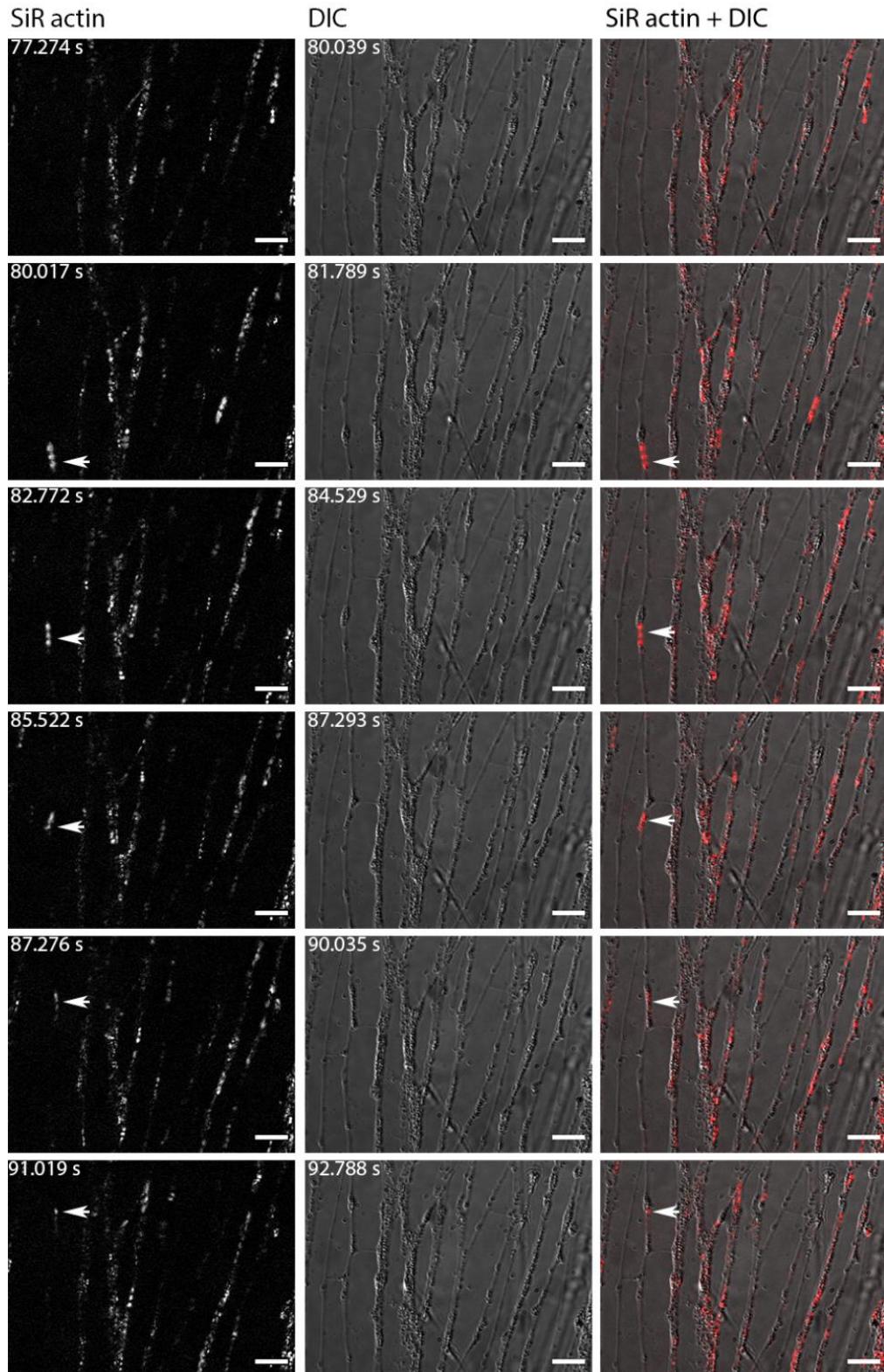
**Figure S2.** Organisation of actin during chamber biomineralisation in *Amphistegina lessonii*. Cross section and orthogonal projections. Arrowheads indicate aperture of new chamber. Images were obtained with *Leica SP5* inverted confocal microscope. Scale bar 20  $\mu\text{m}$ .



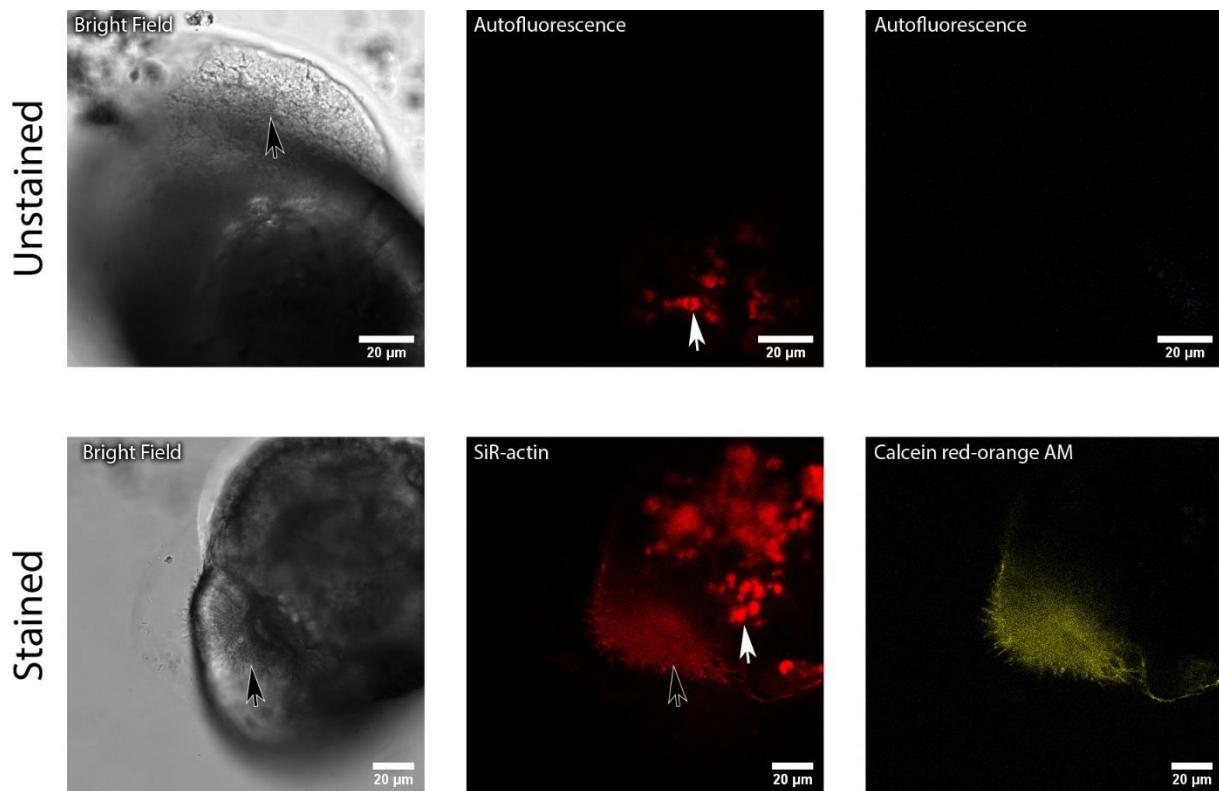
**Figure S3. SiR-actin-labelled granules (SiR-ALGs) and mitochondria within reticulopodia of *Amphistegina lessonii*.**  
MTG stands for Mitotracker Green fluorescent probe. Fluorescent images (optical sections) obtained with a Zeiss Axio Observer Z.1. with ApoTome.2 (ApoTome mode: on - 3 frames per image). Scale bar 10  $\mu\text{m}$ .



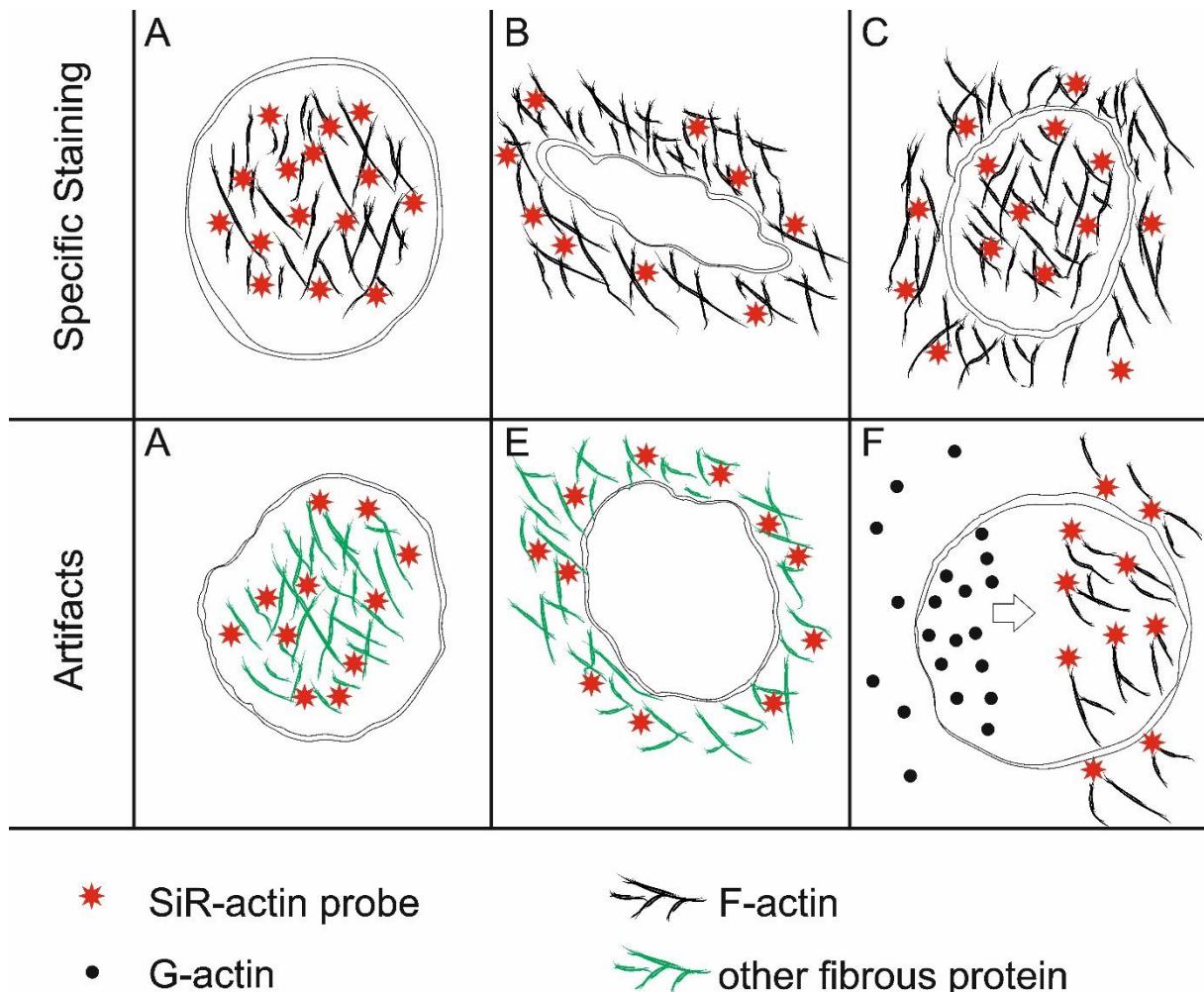
**Figure S4. Dynamics of SiR-actin-labelled granules (SiR-ALGs) in reticulopodia of living *Amphistegina lessonii*.** Six frames of time lapse. The entire time laps available in supplementary materials. Left column: Actin stained with SiR actin. Middle column: DIC. Right column: Overlay of fluorescent and DIC channels. Arrows indicate granule moving along one pseudopodium. Numbers in the top right corner of each image of SiR actin and DIC channel indicate relative time from the beginning of the recording of time lapse in seconds. The structure of the reticulopodial network was relatively stable during recording of the time lapse. Movement (velocity and direction) of actin granules is independent of the movement of reticulopodia. Fluorescent images (optical sections) obtained with a Zeiss Axio Observer Z.1. with ApoTome.2 (ApoTome mode: on - 3 frames per image). Scale bar 10  $\mu$ m.



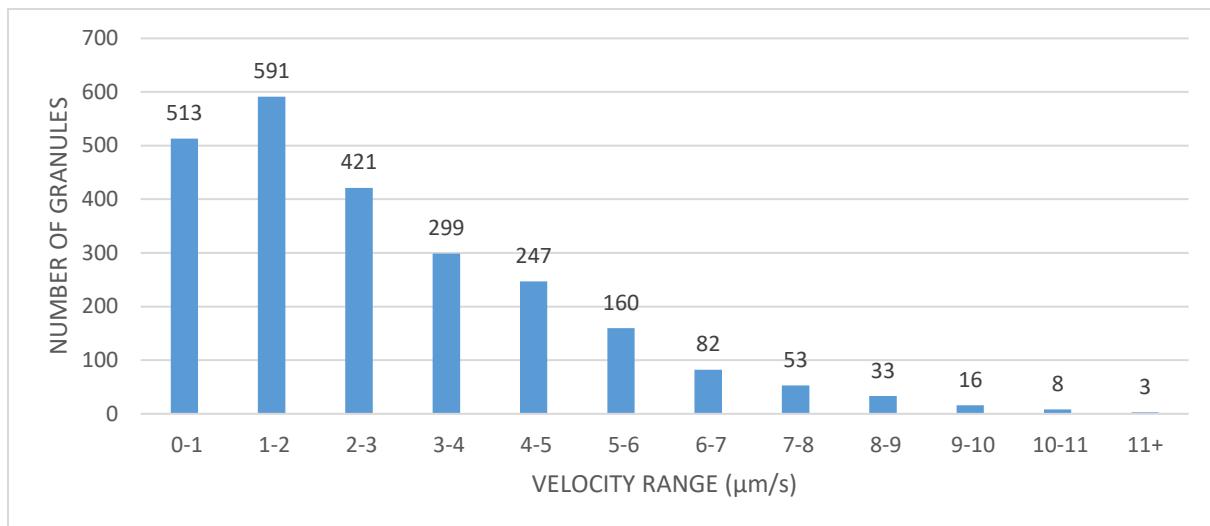
**Figure S5. Dynamics of SiR-actin-labelled granules (SiR-ALGs) in reticulopodia of living *Amphistegina lessonii*.** Another six frames of the same time lapses in Fig.7. Entire time laps available in supplementary materials. Left column: actin stained with SiR actin. Middle column: DIC. Right column: Overlay of fluorescent and DIC channels. Arrows indicates granule moving along the same pseudopodium as in Fig.7., but in the opposite direction. Numbers in top right corner of each image of SiR actin and DIC channel indicate relative time form the beginning of the recording of time lapse in seconds. The structure of the reticulopodial network was relatively stable during recording of the time lapse. Movement (velocity and direction) of actin granules is independent from the movement of reticulopodia. Fluorescent images (optical sections) obtained with Zeiss Axio Observer Z.1. with ApoTome.2 (ApoTome mode: on - 3 frames per image). Scale bar 10  $\mu$ m.



**Fig. S6. Globopodia of *Amphistegina lessonii* observed using bright-field and confocal imaging.** Images in upper row represent unstained individual (control), images in lower row represent specimens stained with SiR-actin and calcein red-orange AM. The white arrows indicate autofluorescence of endosymbionts, and black arrows indicate globopodium of newly formed chamber.



**Fig. S7. Possible scenarios explaining granular pattern of staining foraminiferal cells with SiR-actin.** A-C show hypothetical scenarios of specific staining: (A) SiR-actin stains actin filaments in the interior of vesicles (e.g. Fibrillar Vesicles); (B) SiR-actin labels actin filaments surrounding vesicles possibly facilitating endocytosis and transport of internalised material (C) actin filaments (stained with SiR-actin) are both inside and outside vesicles. D-E illustrate potential staining artifacts, where SiR-actin does not label physiologically active actin filaments that either includes unspecific labelling of some proteins inside (D) and/or outside (E) of vesicular structures or (F) presents SiR-actin induction of F-actin polymerisation.



**Fig. S8. Histogram summarising velocities of Actin Labelled Granules in pseudopodia of *Amphistegina lessonii* in time lapse movie (Movie S4).** Calculation was based on every particular displacement event of the spots between two frames of time lapse (number of displacement events=2426).

Fluorescent dye	Maximum of absorption	Maximum of emission
SiR-actin	652 nm	674 nm
MitoTracker Green	490 nm	516 nm
Calcein red-orange AM	577 nm	590 nm

**Table S1.** List of fluorescent dyes used in the presented study with their fluorescent properties.

Figure movie number	or	Fluorescent dye	Exposure time	Binning mode:	Objective	Apotome setting
Fig. 1		SiR-actin	1 s.	1x1	EC Plan-Neofluar	off 40x/1.30 Oil M27
Fig. 2		SiR-actin	1 s.	1x1	EC Plan-Neofluar	off 100x/1.30 Oil M27
Fig. 5		SiR-actin	112.22 ms	1x1	Plan-Apochormat	off 20x/0.8 M27
Fig. 6		SiR-actin	50 ms	3x3	EC Plan-Neofluar	off 100x/1.30 Oil M27
Fig. S3		SiR-actin	282.13 ms	3x3	EC Plan-Neofluar	ON: 3 frames 100x/1.30 Oil M27 per image
Fig. S3		MTG	15.38 ms	3x3	EC Plan-Neofluar	ON: 3 frames 100x/1.30 Oil M27 per image
Fig. S4., S5		SiR-actin	185.73 mm	3x3	EC Plan-Neofluar	ON: 3 frames 100x/1.30 Oil M27 per image
Movie S1		SiR-actin	1 s.	1x1	EC Plan-Neofluar	off 40x/1.30 Oil M27
Movie S3		SiR-actin	20 ms	5x5	EC Plan-Neofluar	off 100x/1.30 Oil M27
Movie S4		SiR-actin	200 ms	1x1	EC Plan-Neofluar	off 100x/1.30 Oil M27

**Table S2. Summary of hardware settings (exposure time and binning mode) in the experiments conducted on Zeiss Axio Observer Z.1.**

Figure or movie number	Emission bandwidth (MTG)	Emission bandwidth (Calcein)	Emission bandwidth (SiR-actin)	Excitation Beam Splitter
Fig. 3	500nm – 533nm	N/A	650nm - 690nm	FW TD 488/561/633
Fig. 4	N/A	596nm - 616nm	656nm - 696nm	FW TD 488/561/633
Fig. S1	500nm - 533nm	N/A	650nm - 690nm	FW TD 488/561/633
Fig. S2	N/A	N/A	650nm - 690nm	FW TD 488/561/633
Fig. S6	N/A	596nm - 616nm	650nm - 690nm	FW TD 488/561/633
Movie S2	500nm – 533nm	N/A	650nm - 690nm	FW TD 488/561/633

**Table S3. Summary of hardware settings in the experiments conducted with the *Leica SP5* inverted confocal microscope.**

Fluorescent dye	Excitation filter	Beamsplitter	Emission Filter
SiR-actin	BP 640/30	FT 660	BP 690/50
MitoTracker Green	BP 500/20	FT 515	BP 535/30

**Table S4.** Properties of filter sets used for different fluorescent dyes for experiments performed with *Zeiss Axio Observer Z.1*.

**Table S5. Summary of data regarding position of annotated spots seen in Movie S4.**

Label of Spot	Track ID	Position X	Position Y	Position T	Frame
ID43992	2	17.076	34.69	0	0
ID43995	2	15.346	35.441	0	0
ID43998	2	14.214	35.906	0	0
ID43842	2	16.795	35.378	0.419	1
ID44141	2	19.015	34.107	0.838	2
ID44147	2	19.039	35.182	0.838	2
ID44293	2	21.949	34.656	1.257	3
ID44441	2	24.814	34.295	1.676	4
ID44899	2	28.525	34.1	2.095	5
ID44592	2	31.015	34.118	2.514	6
ID44741	2	33.904	34.055	2.933	7
ID45360	2	36.727	34.235	3.352	8
ID45045	2	38.431	33.714	3.771	9
ID44492	6	35.457	26.26	2.514	6
ID44652	6	34.188	26.364	2.933	7
ID45269	6	33.137	26.369	3.352	8
ID44953	6	32.176	26.209	3.771	9
ID45420	6	30.879	26.153	4.19	10
ID45112	6	29.961	26.248	4.609	11
ID45730	6	28.833	26.311	5.028	12
ID45578	6	28.494	26.291	5.447	13
ID45880	6	28.942	26.261	5.866	14
ID46022	6	29.226	26.328	6.285	15
ID45974	9	2.27	36.24	5.866	14
ID46100	9	5.178	36.269	6.285	15
ID46357	9	8.872	35.884	6.704	16
ID46224	9	12.359	35.666	7.123	17
ID46479	9	15.824	35.128	7.542	18
ID46605	9	19.203	34.61	7.961	19
ID46725	9	22.611	34.256	8.38	20
ID46933	9	26.471	33.81	8.799	21
ID46822	9	30.664	33.478	9.218	22
ID47025	9	33.78	33.114	9.637	23
ID47194	9	38.734	32.657	10.056	24
ID47282	9	41.661	32.375	10.475	25
ID47107	9	43.802	32.284	10.894	26
ID47360	9	45.431	32.25	11.313	27
ID47447	9	47.834	32.056	11.732	28
ID47594	9	50.883	31.874	12.151	29
ID43948	10	85.481	31.389	0	0
ID43798	10	84.173	31.702	0.419	1
ID44104	10	83.366	31.739	0.838	2
ID44260	10	82.644	31.988	1.257	3
ID44407	10	81.564	32.091	1.676	4
ID44866	10	80.676	32.151	2.095	5

ID44563	10	79.83	32.121	2.514	6
ID44720	10	79.228	32.101	2.933	7
ID45329	10	79.495	31.546	3.352	8
ID45016	10	79.575	31.233	3.771	9
ID45482	10	80.254	31.11	4.19	10
ID45164	10	80.415	30.892	4.609	11
ID45781	10	81.638	30.978	5.028	12
ID45630	10	81.674	30.934	5.447	13
ID45925	10	82.813	30.737	5.866	14
ID46057	10	85.168	30.407	6.285	15
ID46313	10	86.9	30.274	6.704	16
ID46185	10	87.246	30.343	7.123	17
ID45622	15	6.847	30.075	5.447	13
ID45916	15	8.766	29.87	5.866	14
ID46052	15	9.789	29.806	6.285	15
ID46306	15	10.574	29.86	6.704	16
ID46176	15	11.19	29.801	7.123	17
ID46433	15	12.059	29.738	7.542	18
ID46561	15	14.316	29.823	7.961	19
ID46682	15	15.755	29.671	8.38	20
ID46893	15	17.084	29.774	8.799	21
ID46794	15	18.166	29.75	9.218	22
ID46999	15	20.036	29.682	9.637	23
ID47173	15	22.403	29.58	10.056	24
ID47266	15	24.381	29.552	10.475	25
ID47092	15	26.379	29.45	10.894	26
ID47346	15	28.819	29.269	11.313	27
ID47429	15	30.317	29.103	11.732	28
ID47580	15	32.72	28.932	12.151	29
ID47501	15	34.863	28.589	12.57	30
ID47646	15	35.94	28.456	12.989	31
ID47826	15	36.967	28.26	13.408	32
ID43949	16	57.56	31.411	0	0
ID43794	16	59.006	31.291	0.419	1
ID44098	16	59.845	31.129	0.838	2
ID44245	16	61.018	30.823	1.257	3
ID44394	16	62.113	30.829	1.676	4
ID44850	16	62.693	30.954	2.095	5
ID45357	21	44.723	33.898	3.352	8
ID45050	21	45.64	34.026	3.771	9
ID45512	21	47.739	33.589	4.19	10
ID45191	21	49.427	32.954	4.609	11
ID45806	21	52.345	32.672	5.028	12
ID45648	21	54.9	32.413	5.447	13
ID45946	21	57.366	32.192	5.866	14
ID46077	21	59.996	32.052	6.285	15
ID46330	21	62.149	31.848	6.704	16
ID43987	26	37.425	34.012	0	0

ID43836	26	38.735	34.059	0.419	1
ID44143	26	39.597	34.12	0.838	2
ID44289	26	40.837	34.167	1.257	3
ID44442	26	42.749	34.329	1.676	4
ID44902	26	43.941	34.387	2.095	5
ID44585	28	72.421	33.299	2.514	6
ID44736	28	71.588	33.289	2.933	7
ID45356	28	70.498	33.582	3.352	8
ID45043	28	69.25	33.513	3.771	9
ID45509	28	68.946	33.187	4.19	10
ID45193	28	69.231	33.034	4.609	11
ID45803	28	69.346	32.456	5.028	12
ID45649	28	70.687	32.433	5.447	13
ID45364	30	16.116	34.587	3.352	8
ID45056	30	17.357	34.969	3.771	9
ID45523	30	19.105	34.711	4.19	10
ID45209	30	19.999	34.392	4.609	11
ID45825	30	21.742	34.299	5.028	12
ID45662	30	23.727	33.993	5.447	13
ID45964	30	25.172	34.224	5.866	14
ID46094	30	25.56	34.431	6.285	15
ID46354	30	27.637	34.716	6.704	16
ID46222	30	30.191	34.615	7.123	17
ID46478	30	32.173	34.34	7.542	18
ID46601	30	34.835	34.083	7.961	19
ID46724	30	37.494	33.913	8.38	20
ID46935	30	39.503	34.053	8.799	21
ID46826	30	42.72	33.92	9.218	22
ID47030	30	45.547	33.73	9.637	23
ID47203	30	49.358	33.702	10.056	24
ID47288	30	52.687	33.491	10.475	25
ID47111	30	56.434	33.158	10.895	26
ID47364	30	60.089	33.014	11.313	27
ID47449	30	61.038	32.575	11.732	28
ID48321	32	41.393	33.75	18.855	45
ID48403	32	44.645	33.321	19.274	46
ID48447	32	47.154	33.314	19.693	47
ID48487	32	50.159	33.381	20.112	48
ID48526	32	52.648	33.2	20.531	49
ID47143	36	78.839	25.417	10.056	24
ID47231	36	78.865	25.235	10.475	25
ID47057	36	79.578	25.212	10.894	26
ID47314	36	80.564	25.37	11.313	27
ID47394	36	81.573	25.631	11.732	28
ID47552	36	82.982	25.844	12.151	29
ID47481	36	85.236	26.001	12.57	30
ID47626	36	87.849	26.15	12.989	31
ID43882	37	77.873	25.852	0	0

ID43720	37	72.28	25.278	0.419	1
ID43730	37	76.946	25.931	0.419	1
ID44036	37	76.23	25.767	0.838	2
ID44027	37	71.919	25.132	0.838	2
ID44177	37	71.579	25.016	1.257	3
ID44182	37	77.479	25.531	1.257	3
ID44188	37	75.323	25.692	1.257	3
ID44328	37	71.92	25.11	1.676	4
ID44335	37	76.742	25.656	1.676	4
ID44337	37	74.55	25.699	1.676	4
ID44787	37	72.328	25.169	2.095	5
ID44793	37	73.738	25.675	2.095	5
ID44796	37	76.681	25.997	2.095	5
ID44483	37	73.116	25.382	2.514	6
ID44489	37	76.493	26.08	2.514	6
ID44639	37	72.665	25.162	2.933	7
ID44646	37	76.053	25.789	2.933	7
ID45256	37	72.351	25.202	3.352	8
ID45260	37	75.059	25.396	3.352	8
ID44946	37	74.092	25.288	3.771	9
ID44948	37	72.085	25.376	3.771	9
ID45408	37	72.682	25.016	4.19	10
ID45100	37	71.913	24.977	4.609	11
ID45713	37	70.825	24.86	5.028	12
ID45562	37	69.799	24.579	5.447	13
ID45864	37	69.912	24.715	5.866	14
ID46003	37	63.848	24.716	6.285	15
ID46004	37	69.896	24.773	6.285	15
ID46254	37	63.794	24.331	6.704	16
ID46255	37	69.677	24.733	6.704	16
ID46127	37	65.484	24.151	7.123	17
ID46130	37	69.692	24.555	7.123	17
ID46132	37	71.048	24.651	7.123	17
ID46384	37	68.067	24.339	7.542	18
ID46386	37	71.165	24.616	7.542	18
ID46508	37	69.674	24.563	7.961	19
ID46509	37	71.83	24.606	7.961	19
ID46631	37	71.635	24.657	8.38	20
ID46636	37	73.085	24.882	8.38	20
ID46852	37	72.611	25.017	8.799	21
ID46853	37	73.972	25.132	8.799	21
ID46755	37	75.089	25.325	9.218	22
ID46970	37	76.301	25.522	9.638	23
ID47146	37	77.777	25.678	10.056	24
ID45089	44	79.863	24.095	4.609	11
ID45705	44	78.81	24.111	5.028	12
ID45559	44	78.487	24.269	5.447	13
ID45861	44	77.636	24.349	5.866	14

ID46002	44	76.854	24.565	6.285	15
ID46257	44	76.279	24.731	6.704	16
ID46133	44	75.977	25.009	7.123	17
ID46389	44	75.76	25.022	7.542	18
ID46513	44	76.255	25.101	7.961	19
ID46639	44	77.458	25.214	8.38	20
ID43964	47	45.309	32.423	0	0
ID43809	47	47.949	32.222	0.419	1
ID44116	47	49.527	32.185	0.838	2
ID44263	47	51.481	32.189	1.257	3
ID44409	47	54.791	32.246	1.676	4
ID44871	47	55.389	32.384	2.095	5
ID44572	47	57.108	32.464	2.514	6
ID43844	48	0.656	36.047	0.419	1
ID44148	48	3.508	35.776	0.838	2
ID44297	48	5.939	35.588	1.257	3
ID44446	48	7.715	35.422	1.676	4
ID46661	50	62.158	27.773	8.38	20
ID46874	50	60.063	27.633	8.799	21
ID46774	50	59.564	27.607	9.218	22
ID46982	50	58.398	27.691	9.637	23
ID47156	50	57.124	27.623	10.056	24
ID47244	50	56.167	27.569	10.475	25
ID47072	50	55.134	27.505	10.894	26
ID47326	50	54.264	27.388	11.313	27
ID47410	50	52.94	27.578	11.732	28
ID47566	50	51.999	27.452	12.151	29
ID47493	50	49.925	27.437	12.57	30
ID47637	50	48.752	27.411	12.989	31
ID47818	50	47.642	27.298	13.408	32
ID47758	50	46.718	27.107	13.827	33
ID47872	50	45.632	27.003	14.247	34
ID47703	50	44.589	26.92	14.665	35
ID47927	50	43.232	26.955	15.084	36
ID47879	51	38.277	27.717	14.246	34
ID47707	51	38.834	27.617	14.665	35
ID47931	51	39.599	27.643	15.084	36
ID48025	51	41.545	27.876	15.503	37
ID47977	51	43.39	27.633	15.922	38
ID48079	51	45.017	27.737	16.341	39
ID48172	51	46.739	27.63	16.76	40
ID48123	51	47.586	27.819	17.179	41
ID48125	51	48.793	28.06	17.179	41
ID48260	51	49.197	27.902	17.598	42
ID48261	51	50.776	27.985	17.598	42
ID48215	51	50.002	28.098	18.017	43
ID48216	51	53.063	28.115	18.017	43
ID48349	51	51.071	28.187	18.436	44

ID48351	51	55.651	28.391	18.436	44
ID48306	51	53.237	28.147	18.855	45
ID48307	51	58.37	28.346	18.855	45
ID48390	51	55.556	28.106	19.274	46
ID48392	51	60.869	28.47	19.274	46
ID48434	51	57.599	28.175	19.693	47
ID48436	51	63.412	28.574	19.693	47
ID48476	51	57.724	28.123	20.112	48
ID48480	51	65.412	28.656	20.112	48
ID48516	51	57.746	28.195	20.531	49
ID48519	51	66.296	28.694	20.531	49
ID43991	52	11.182	34.685	0	0
ID43839	52	12.723	34.548	0.419	1
ID44144	52	14.494	34.316	0.838	2
ID44287	52	16.011	34.112	1.257	3
ID44435	52	18.156	33.753	1.676	4
ID44891	52	19.809	33.611	2.095	5
ID44586	52	21.591	33.389	2.514	6
ID44733	52	22.947	32.95	2.933	7
ID45345	52	25.295	32.78	3.352	8
ID45028	52	26.868	32.125	3.771	9
ID45492	52	28.126	31.773	4.19	10
ID45168	52	30.548	31.217	4.609	11
ID45787	52	32.339	31.298	5.028	12
ID45637	52	34.129	31.33	5.447	13
ID45931	52	35.889	31.119	5.866	14
ID46064	52	37.678	31.208	6.285	15
ID46324	52	39.587	31.448	6.704	16
ID46202	52	41.518	31.804	7.123	17
ID46453	52	43.832	31.774	7.542	18
ID46577	52	46.752	31.408	7.961	19
ID46695	52	49.739	31.21	8.38	20
ID46903	52	52.99	30.957	8.799	21
ID46801	52	56.027	30.617	9.218	22
ID47008	52	58.531	30.61	9.637	23
ID47185	52	61.501	30.678	10.056	24
ID47452	58	63.237	32.96	11.732	28
ID47597	58	67.79	32.908	12.151	29
ID47525	58	71.396	32.814	12.57	30
ID47671	58	74.619	32.705	12.989	31
ID47841	58	77.949	32.394	13.408	32
ID47786	58	82.398	32.31	13.827	33
ID47899	58	85.585	32.137	14.246	34
ID47726	58	87.849	31.644	14.665	35
ID43875	60	58.132	25.073	0	0
ID43722	60	58.623	25.483	0.419	1
ID44031	60	58.604	25.633	0.838	2
ID44179	60	58.248	25.273	1.257	3

ID44325	60	58.424	24.794	1.676	4
ID44784	60	58.823	24.773	2.095	5
ID44475	60	58.51	24.676	2.514	6
ID44634	60	58.903	24.656	2.933	7
ID45245	60	62.887	23.665	3.352	8
ID45247	60	59.269	24.426	3.352	8
ID44933	60	61.255	23.667	3.771	9
ID44939	60	59.856	24.607	3.771	9
ID45397	60	60.568	23.981	4.19	10
ID45403	60	59.664	24.783	4.19	10
ID45098	60	60.308	24.777	4.609	11
ID45710	60	59.71	24.474	5.028	12
ID45717	60	60.503	25.08	5.028	12
ID45561	60	58.887	24.389	5.447	13
ID45565	60	60.288	25.086	5.447	13
ID45863	60	58.528	24.556	5.866	14
ID45866	60	60.526	25.112	5.866	14
ID46001	60	57.787	24.447	6.285	15
ID46008	60	61.367	25.185	6.285	15
ID46264	60	63.613	25.559	6.704	16
ID46139	60	64.938	25.936	7.123	17
ID46398	60	66.137	26.2	7.542	18
ID46522	60	66.937	26.354	7.961	19
ID46650	60	68.177	26.502	8.38	20
ID46863	60	69.408	26.602	8.799	21
ID46763	60	70.861	26.789	9.218	22
ID46976	60	72.202	27.021	9.637	23
ID47158	60	74.338	27.658	10.056	24
ID47248	60	75.32	27.61	10.475	25
ID47075	60	76.097	27.592	10.894	26
ID47328	60	79.648	27.396	11.313	27
ID47414	60	81.169	28.049	11.732	28
ID47571	60	81.746	28.107	12.151	29
ID43865	61	53.074	22.17	0	0
ID43712	61	52.842	22.544	0.419	1
ID43713	61	53.973	22.606	0.419	1
ID43711	61	52.008	22.296	0.419	1
ID44017	61	51.386	22.274	0.838	2
ID44018	61	52.252	22.546	0.838	2
ID44019	61	53.64	22.894	0.838	2
ID44169	61	51.496	22.242	1.257	3
ID44171	61	53.273	22.652	1.257	3
ID44317	61	51.456	22.311	1.676	4
ID44319	61	53.568	22.706	1.676	4
ID44777	61	50.946	21.999	2.095	5
ID44778	61	53.274	22.679	2.095	5
ID44468	61	50.503	21.667	2.514	6
ID44471	61	53.018	22.695	2.514	6

ID44626	61	51.064	21.651	2.933	7
ID44628	61	52.933	22.25	2.933	7
ID45239	61	52.27	21.664	3.352	8
ID45242	61	53.51	22.039	3.352	8
ID44930	61	54.675	22.299	3.771	9
ID45395	61	55.623	22.867	4.19	10
ID45085	61	56.306	23.132	4.609	11
ID45701	61	56.552	23.25	5.028	12
ID45556	61	57.236	23.877	5.447	13
ID45856	61	57.484	23.974	5.866	14
ID43868	62	83.724	23.618	0	0
ID43715	62	84.112	23.65	0.419	1
ID44021	62	84.175	23.869	0.838	2
ID44174	62	84.934	24.037	1.257	3
ID44322	62	85.171	24.37	1.676	4
ID44327	62	85.927	24.922	1.676	4
ID60331	62	86.177	24.962	2.095	5
ID44789	62	85.109	25.389	2.095	5
ID44476	62	85.488	24.692	2.514	6
ID44488	62	84.522	25.79	2.514	6
ID44633	62	83.418	24.265	2.933	7
ID44648	62	84.486	26.029	2.933	7
ID45246	62	83.369	23.779	3.352	8
ID45265	62	84.241	25.951	3.352	8
ID44934	62	83.595	23.963	3.771	9
ID44951	62	84.192	25.648	3.771	9
ID45401	62	83.258	24.427	4.19	10
ID45411	62	83.884	25.363	4.19	10
ID45417	62	82.1	25.827	4.19	10
ID45088	62	83.03	24.028	4.609	11
ID45107	62	83.77	25.359	4.609	11
ID45109	62	81.644	25.941	4.609	11
ID45704	62	82.127	23.797	5.028	12
ID45718	62	83.393	25.13	5.028	12
ID45727	62	81.948	26.238	5.028	12
ID45576	62	82.751	26.219	5.447	13
ID45557	62	82.348	24.034	5.447	13
ID45567	62	83.579	25.155	5.447	13
ID45858	62	82.706	24.1	5.866	14
ID45871	62	84.434	25.274	5.866	14
ID45878	62	83.332	26.065	5.866	14
ID45998	62	82.771	24.041	6.285	15
ID46012	62	83.787	25.368	6.285	15
ID46020	62	83.97	26.203	6.285	15
ID46252	62	83.013	24.167	6.704	16
ID46260	62	82.979	25.35	6.704	16
ID46268	62	83.763	26.246	6.704	16
ID46128	62	83.049	24.256	7.123	17

ID46136	62	82.694	25.195	7.123	17
ID46147	62	83.947	26.662	7.123	17
ID46387	62	83.85	24.628	7.542	18
ID46391	62	82.984	25.274	7.542	18
ID46403	62	83.661	26.896	7.542	18
ID46514	62	85.336	25.174	7.961	19
ID46516	62	83.312	25.495	7.961	19
ID46524	62	83.656	26.532	7.961	19
ID46640	62	86.54	25.344	8.38	20
ID46645	62	84.673	25.78	8.38	20
ID46646	62	83.716	25.952	8.38	20
ID46856	62	87.292	25.407	8.799	21
ID46859	62	85.756	25.895	8.799	21
ID46758	62	87.849	25.651	9.218	22
ID43928	63	75.352	29.144	0	0
ID43902	63	70.995	27.377	0	0
ID43748	63	71.173	27.381	0.419	1
ID43773	63	75.234	29.061	0.419	1
ID44058	63	71.444	27.541	0.838	2
ID44075	63	75.655	28.742	0.838	2
ID44208	63	71.828	27.609	1.257	3
ID44221	63	75.687	28.428	1.257	3
ID44359	63	72.178	27.62	1.676	4
ID44372	63	75.422	28.506	1.676	4
ID44815	63	72.688	27.821	2.095	5
ID44825	63	75.108	28.625	2.095	5
ID44509	63	73.028	27.467	2.514	6
ID44521	63	74.627	28.455	2.514	6
ID44678	63	75.099	28.427	2.933	7
ID44667	63	73.647	27.427	2.933	7
ID45282	63	74.513	27.398	3.352	8
ID45294	63	75.874	28.386	3.352	8
ID44970	63	75.429	27.52	3.771	9
ID44980	63	76.645	28.311	3.771	9
ID45440	63	77.324	28.095	4.19	10
ID45431	63	76.222	27.431	4.19	10
ID45125	63	76.514	27.541	4.609	11
ID45132	63	78.034	28.162	4.609	11
ID45748	63	77.033	27.457	5.028	12
ID45752	63	78.535	28.175	5.028	12
ID45593	63	77.453	27.519	5.447	13
ID45604	63	78.615	28.311	5.447	13
ID45895	63	77.824	27.583	5.866	14
ID45902	63	78.531	28.343	5.866	14
ID46037	63	77.821	27.703	6.285	15
ID46285	63	78.167	27.803	6.704	16
ID46148	63	74.542	26.832	7.123	17
ID46155	63	77.556	27.698	7.123	17

ID46158	63	78.647	27.893	7.123	17
ID46412	63	77.577	27.835	7.542	18
ID46414	63	78.639	28.006	7.542	18
ID46418	63	75.241	28.202	7.542	18
ID46536	63	77.837	27.909	7.961	19
ID46539	63	78.864	28.117	7.961	19
ID46544	63	75.241	28.369	7.961	19
ID46663	63	78.126	27.994	8.38	20
ID46666	63	79.162	28.164	8.38	20
ID46670	63	76.189	28.589	8.38	20
ID46875	63	78.301	27.953	8.799	21
ID46878	63	79.321	28.252	8.799	21
ID46885	63	77.022	28.74	8.799	21
ID46776	63	78.491	28.002	9.218	22
ID46778	63	79.395	28.353	9.218	22
ID46787	63	78.186	28.94	9.218	22
ID46987	63	79.694	28.433	9.637	23
ID47166	63	80.257	28.596	10.056	24
ID47256	63	80.596	28.556	10.475	25
ID47083	63	81.137	28.45	10.894	26
ID47335	63	81.637	28.403	11.313	27
ID47419	63	82.097	28.439	11.732	28
ID47574	63	82.708	28.462	12.151	29
ID47499	63	83.53	28.49	12.57	30
ID47645	63	84.524	28.411	12.989	31
ID47827	63	85.937	28.404	13.408	32
ID47767	63	86.257	28.208	13.827	33
ID47877	63	86.796	27.38	14.246	34
ID47700	63	87.849	26.65	14.665	35
ID47876	65	34.986	27.368	14.246	34
ID47706	65	36.326	27.433	14.665	35
ID47930	65	37.983	27.327	15.084	36
ID48024	65	39.779	27.323	15.503	37
ID47976	65	42.03	27.571	15.922	38
ID48276	66	46.533	33.782	17.598	42
ID48230	66	48.595	33.848	18.017	43
ID48359	66	52.475	33.67	18.436	44
ID48320	66	55.464	33.364	18.855	45
ID48402	66	59.315	33.246	19.274	46
ID48446	66	60.913	33.29	19.693	47
ID48486	66	64.011	33.059	20.112	48
ID48525	66	67.479	32.722	20.531	49
ID46466	67	27.501	33.519	7.542	18
ID46590	67	30.464	33.114	7.961	19
ID46711	67	33.663	32.821	8.38	20
ID46918	67	35.996	32.476	8.799	21
ID46810	67	39.317	32.298	9.218	22
ID47015	67	42.646	31.815	9.637	23

ID47187	67	44.626	31.505	10.056	24
ID47276	67	48.465	30.851	10.475	25
ID47101	67	50.663	30.745	10.894	26
ID45080	68	49.908	22.004	4.609	11
ID45696	68	49.815	22.139	5.028	12
ID45551	68	50.865	22.394	5.447	13
ID45853	68	51.652	22.722	5.866	14
ID45995	68	52.144	22.896	6.285	15
ID46244	68	51.946	22.72	6.704	16
ID46119	68	51.828	22.574	7.123	17
ID46377	68	52.584	22.887	7.542	18
ID46502	68	53.024	23.001	7.961	19
ID46625	68	53.319	22.885	8.38	20
ID46844	68	53.037	22.823	8.799	21
ID46746	68	53.353	22.753	9.218	22
ID46959	68	53.867	22.513	9.637	23
ID47135	68	54.162	22.291	10.056	24
ID47223	68	55.224	22.536	10.475	25
ID47051	68	56.469	22.771	10.894	26
ID47309	68	57.966	23.518	11.313	27
ID47387	68	59.261	23.815	11.732	28
ID47546	68	60.779	24.162	12.151	29
ID47475	68	62.721	24.372	12.57	30
ID47618	68	64.565	24.733	12.989	31
ID47805	68	65.602	25.035	13.408	32
ID47747	68	67.08	25.191	13.827	33
ID47862	68	68.785	25.37	14.246	34
ID47691	68	70.354	25.53	14.665	35
ID47919	68	71.934	25.67	15.084	36
ID48017	68	73.47	25.702	15.503	37
ID47969	68	74.691	25.905	15.922	38
ID48066	68	75.597	26.062	16.341	39
ID48161	68	77.74	26.24	16.76	40
ID46099	69	18.395	36.11	6.285	15
ID46358	69	20.515	35.948	6.704	16
ID46223	69	23.573	35.478	7.123	17
ID46480	69	26.178	35.179	7.542	18
ID46604	69	29.324	34.558	7.961	19
ID44451	70	0	37.319	1.676	4
ID44911	70	3.527	37.021	2.095	5
ID44608	70	6.572	36.849	2.514	6
ID44756	70	8.606	36.914	2.933	7
ID45372	70	8.697	37.107	3.352	8
ID45062	70	8.686	37.43	3.771	9
ID45534	70	8.65	37.288	4.19	10
ID45218	70	8.816	37.323	4.609	11
ID45835	70	9.432	37.182	5.028	12
ID45680	70	10.868	37.088	5.447	13

ID45975	70	11.99	36.996	5.866	14
ID46101	70	13.849	36.825	6.285	15
ID46359	70	15.681	36.799	6.704	16
ID46225	70	18.471	36.622	7.123	17
ID46482	70	22.499	35.91	7.542	18
ID46606	70	25.471	35.494	7.961	19
ID43981	71	12.965	33.818	0	0
ID43824	71	15.072	33.393	0.419	1
ID44125	71	17.035	32.952	0.838	2
ID44273	71	18.746	32.962	1.257	3
ID44415	71	21.978	32.498	1.676	4
ID44892	73	26.316	33.68	2.095	5
ID44587	73	28.676	33.526	2.514	6
ID44737	73	30.134	33.301	2.933	7
ID45351	73	30.751	33.248	3.352	8
ID45040	73	32.241	33.241	3.771	9
ID45504	73	34.647	32.615	4.19	10
ID43973	74	15.817	32.951	0	0
ID43815	74	17.549	32.585	0.419	1
ID44115	74	19.323	32.176	0.838	2
ID44259	74	21.016	32.029	1.257	3
ID44404	74	22.524	31.858	1.676	4
ID44853	74	24.056	31.381	2.095	5
ID45418	75	18.524	25.984	4.19	10
ID45108	75	20.934	25.801	4.609	11
ID45724	75	22.273	25.758	5.028	12
ID45573	75	22.887	25.863	5.447	13
ID45876	75	24.288	25.926	5.866	14
ID46016	75	26.697	26.098	6.285	15
ID46270	75	29.064	26.403	6.704	16
ID46144	75	30.5	26.48	7.123	17
ID46400	75	32.518	26.697	7.542	18
ID46525	75	34.515	26.939	7.961	19
ID46655	75	37.189	27.119	8.38	20
ID46870	75	39.407	27.334	8.799	21
ID46773	75	41.12	27.56	9.218	22
ID46985	75	42.361	27.972	9.637	23
ID47161	75	44.425	27.709	10.056	24
ID47251	75	46.956	27.975	10.475	25
ID47079	75	50.101	27.988	10.894	26
ID47333	75	50.632	28.002	11.313	27
ID47415	75	51.677	28.096	11.732	28
ID47570	75	53.403	28.062	12.151	29
ID47496	75	54.895	27.902	12.57	30
ID47640	75	56.868	27.935	12.989	31
ID47823	75	59.296	27.894	13.408	32
ID44757	76	0	37.273	2.933	7
ID45373	76	2.279	37.211	3.352	8

ID45061	76	4.617	36.875	3.771	9
ID45533	76	7.124	36.439	4.19	10
ID45216	76	9.575	36.299	4.609	11
ID45833	76	11.893	36.864	5.028	12
ID45678	76	18.327	36.1	5.447	13
ID47207	80	8.18	37.09	10.056	24
ID47292	80	8.537	37.079	10.475	25
ID47117	80	9.26	36.654	10.894	26
ID47369	80	9.144	36.528	11.313	27
ID47459	80	11.638	36.138	11.732	28
ID47603	80	12.069	36.4	12.151	29
ID47528	80	14.417	36.093	12.57	30
ID47675	80	16.994	36.032	12.989	31
ID47846	80	20.67	35.608	13.408	32
ID47789	80	24.106	35.117	13.827	33
ID47902	80	26.465	34.688	14.246	34
ID47729	80	28.955	34.336	14.665	35
ID47948	80	32.018	34.364	15.084	36
ID44178	82	69.985	25.192	1.257	3
ID44326	82	69.297	24.927	1.676	4
ID44329	82	70.782	25.227	1.676	4
ID44786	82	68.871	25.085	2.095	5
ID44788	82	70.143	25.332	2.095	5
ID44480	82	69.402	25.303	2.514	6
ID44479	82	71.247	25.147	2.514	6
ID44641	82	69.21	25.346	2.933	7
ID44636	82	71.631	24.688	2.933	7
ID45248	82	70.492	24.404	3.352	8
ID45261	82	69.485	25.487	3.352	8
ID44935	82	69.639	24.343	3.771	9
ID44950	82	69.138	25.456	3.771	9
ID45399	82	68.679	24.357	4.19	10
ID45092	82	67.644	24.356	4.609	11
ID47716	83	67.438	28.427	14.665	35
ID47937	83	69.25	28.535	15.084	36
ID48037	83	71.014	28.813	15.503	37
ID47984	83	71.548	28.632	15.922	38
ID48086	83	71.938	28.625	16.341	39
ID48180	83	71.981	28.627	16.76	40
ID48131	83	72.095	28.672	17.179	41
ID48268	83	72.34	28.695	17.598	42
ID48220	83	72.538	28.671	18.017	43
ID48353	83	72.611	28.706	18.436	44
ID48309	83	72.76	28.752	18.855	45
ID48394	83	72.942	28.789	19.274	46
ID48439	83	73.03	28.841	19.693	47
ID48482	83	73.095	28.856	20.112	48
ID48520	83	73.169	28.916	20.531	49

ID43933	84	44.682	29.931	0	0
ID43782	84	45.771	30.043	0.419	1
ID44087	84	47.863	30.013	0.838	2
ID44236	84	49.417	29.883	1.257	3
ID44387	84	50.435	29.847	1.676	4
ID44840	84	52.596	29.86	2.095	5
ID44537	84	53.757	29.753	2.514	6
ID44692	84	54.506	29.733	2.933	7
ID44687	85	46.579	29.068	2.933	7
ID45306	85	47.009	29.032	3.352	8
ID44993	85	46.868	28.983	3.771	9
ID45457	85	45.991	29.008	4.19	10
ID45146	85	45.38	28.986	4.609	11
ID45767	85	45.144	29.183	5.028	12
ID45770	85	40.825	29.645	5.028	12
ID45610	85	44.639	29.09	5.447	13
ID45615	85	42.451	29.513	5.447	13
ID45910	85	44.143	29.154	5.866	14
ID45915	85	43.351	29.754	5.866	14
ID46051	85	44.053	29.766	6.285	15
ID46305	85	44.72	29.746	6.704	16
ID46177	85	46.44	29.777	7.123	17
ID46432	85	49.081	29.542	7.542	18
ID46560	85	50.794	29.495	7.961	19
ID46683	85	52.865	29.753	8.38	20
ID46894	85	55.926	29.803	8.799	21
ID46795	85	58.015	29.736	9.218	22
ID47000	85	60.638	29.694	9.637	23
ID47174	85	63.288	29.6	10.056	24
ID47268	85	65.55	29.541	10.475	25
ID47094	85	67.574	29.535	10.894	26
ID47347	85	69.651	29.369	11.313	27
ID47431	85	72.178	29.252	11.732	28
ID47555	86	78.807	26.238	12.151	29
ID47483	86	80.319	26.19	12.57	30
ID47628	86	82.012	26.326	12.989	31
ID47814	86	83.265	26.534	13.408	32
ID47755	86	84.428	26.517	13.827	33
ID47869	86	85.802	26.385	14.246	34
ID47694	86	86.84	25.911	14.665	35
ID45199	87	43.361	33.837	4.609	11
ID45816	87	45.122	33.588	5.028	12
ID45636	87	70.338	31.287	5.447	13
ID45660	87	47.509	33.49	5.447	13
ID45953	87	50.372	33.167	5.866	14
ID45936	87	71.926	31.307	5.866	14
ID46083	87	52.192	33.168	6.285	15
ID46066	87	72.78	31.321	6.285	15

ID46323	87	73.543	31.35	6.704	16
ID46335	87	55.199	32.966	6.704	16
ID46195	87	73.79	31.443	7.123	17
ID46206	87	58.321	32.587	7.123	17
ID46449	87	74.609	31.399	7.542	18
ID46459	87	60.572	32.349	7.542	18
ID46579	87	74.579	31.565	7.961	19
ID46581	87	63.015	31.919	7.961	19
ID46698	87	74.088	31.586	8.38	20
ID46702	87	65.093	31.859	8.38	20
ID46909	87	74.641	31.419	8.799	21
ID46910	87	67.249	31.805	8.799	21
ID46806	87	75.195	31.715	9.218	22
ID46808	87	69.258	31.9	9.218	22
ID46809	87	72.322	32.047	9.218	22
ID47016	87	71.829	31.878	9.637	23
ID47017	87	75.19	31.863	9.637	23
ID47018	87	72.975	31.908	9.637	23
ID47189	87	76.163	31.809	10.056	24
ID47190	87	74.706	31.969	10.056	24
ID47278	87	75.762	31.727	10.475	25
ID47279	87	77.791	31.728	10.475	25
ID47105	87	79.629	31.486	10.894	26
ID47357	87	81.464	31.066	11.313	27
ID47442	87	83.938	30.818	11.732	28
ID47591	87	86.762	30.756	12.151	29
ID43763	91	46.782	28.578	0.419	1
ID44070	91	46.849	28.643	0.838	2
ID43977	93	22.497	33.17	0	0
ID43819	93	24.433	32.75	0.419	1
ID44124	93	25.647	32.667	0.838	2
ID44269	93	26.757	32.575	1.257	3
ID44412	93	28.101	32.399	1.676	4
ID44873	93	29.167	32.477	2.095	5
ID44565	93	30.924	32.242	2.514	6
ID44723	93	32.677	32.27	2.933	7
ID45339	93	35.423	32.408	3.352	8
ID45032	93	37.632	32.309	3.771	9
ID45497	93	38.398	31.957	4.19	10
ID45180	93	39.654	32.107	4.609	11
ID43993	97	9.246	35.19	0	0
ID43840	97	11.221	34.985	0.419	1
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ID44295	97	12.001	35.27	1.257	3
ID44447	97	12.592	35.437	1.676	4
ID44906	97	13.465	35.67	2.095	5
ID44606	97	13.139	35.904	2.514	6
ID44753	97	15.388	35.793	2.933	7

ID45368	97	17.902	35.515	3.352	8
ID45057	97	20.306	35.296	3.771	9
ID45524	97	22.477	34.93	4.19	10
ID45211	97	24.701	34.773	4.609	11
ID45827	97	27.508	34.392	5.028	12
ID45670	97	31.928	34.688	5.447	13
ID45663	97	30.707	34.011	5.447	13
ID45957	97	33.346	33.566	5.866	14
ID45959	97	31.942	33.703	5.866	14
ID46085	97	36.222	33.335	6.285	15
ID46086	97	38.111	33.306	6.285	15
ID46340	97	38.859	33.38	6.704	16
ID46210	97	39.928	33.481	7.123	17
ID46465	97	41.545	33.424	7.542	18
ID46588	97	43.237	32.752	7.961	19
ID46444	99	35.914	30.983	7.542	18
ID46573	99	37.787	30.878	7.961	19
ID46690	99	39.082	30.524	8.38	20
ID46900	99	41.34	30.51	8.799	21
ID46800	99	43.003	30.285	9.218	22
ID47006	99	44.792	30.123	9.637	23
ID47183	99	45.697	30.508	10.056	24
ID47275	99	46.702	30.331	10.475	25
ID47100	99	48.308	30.243	10.894	26
ID47354	99	49.772	30.087	11.313	27
ID47440	99	51.153	30.14	11.732	28
ID47589	99	52.915	30.162	12.151	29
ID46818	100	33.581	33.016	9.218	22
ID47021	100	37.161	32.604	9.637	23
ID47192	100	41.086	32.311	10.056	24
ID47280	100	44.08	31.968	10.475	25
ID47104	100	47.695	31.455	10.894	26
ID47358	100	50.834	31.144	11.313	27
ID47443	100	53.015	31.026	11.732	28
ID47592	100	55.413	31.028	12.151	29
ID47517	100	57.688	30.897	12.57	30
ID47665	100	60.51	30.823	12.989	31
ID47838	100	63.416	30.686	13.408	32
ID47782	100	65.843	30.511	13.827	33
ID47896	100	68.492	30.402	14.246	34
ID43909	102	40.987	28.043	0	0
ID43914	102	41.516	28.315	0	0
ID43924	102	49.844	28.866	0	0
ID43756	102	41.183	28.044	0.419	1
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ID44062	102	41.852	27.932	0.838	2
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ID44071	102	47.828	28.666	0.838	2
ID44213	102	43.137	28.119	1.257	3
ID44214	102	49.132	28.087	1.257	3
ID44224	102	46.867	28.663	1.257	3
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ID44376	102	42.284	28.597	1.676	4
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ID44821	102	53.205	28.392	2.095	5
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ID44831	102	42.879	28.778	2.095	5
ID44833	102	46.239	28.895	2.095	5
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ID44529	102	46.013	28.902	2.514	6
ID44677	102	53.862	28.404	2.933	7
ID44683	102	43.457	28.656	2.933	7
ID44686	102	44.771	28.835	2.933	7
ID45293	102	43.625	28.378	3.352	8
ID45296	102	55.46	28.412	3.352	8
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ID44975	102	57.88	28.028	3.771	9
ID44986	102	43.085	28.599	3.771	9
ID44992	102	41.158	28.969	3.771	9
ID45446	102	58.399	28.501	4.19	10
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ID45133	102	59.316	28.182	4.609	11
ID45140	102	41.457	28.711	4.609	11
ID45150	102	40.157	29.192	4.609	11
ID45759	102	40.429	28.796	5.028	12
ID45760	102	59.968	28.818	5.028	12
ID45764	102	39.574	29.023	5.028	12
ID45611	102	39.722	29.177	5.447	13
ID45909	102	39.58	29.135	5.866	14
ID46047	102	40.157	28.959	6.285	15
ID46049	102	38.075	29.296	6.285	15
ID46294	102	38.231	28.983	6.704	16
ID46298	102	39.812	29.095	6.704	16
ID46164	102	39.66	28.887	7.123	17
ID46423	102	40.022	28.78	7.542	18
ID46557	102	40.588	29.121	7.961	19
ID46676	102	41.171	28.842	8.38	20
ID46888	102	41.979	28.895	8.799	21
ID46783	102	43.661	28.835	9.218	22
ID46997	102	45.795	29.085	9.637	23
ID47171	102	48.365	29.073	10.056	24
ID47261	102	50.999	28.862	10.475	25

ID47087	102	53.096	28.765	10.894	26
ID47341	102	54.712	28.765	11.313	27
ID47426	102	56.289	28.777	11.732	28
ID47576	102	58.484	28.752	12.151	29
ID47506	102	60.405	28.958	12.57	30
ID47655	102	64.335	28.919	12.989	31
ID45976	104	9.323	37.387	5.866	14
ID46103	104	10.345	37.563	6.285	15
ID46360	104	10.789	37.478	6.704	16
ID46226	104	12.098	37.299	7.123	17
ID46483	104	14.419	36.993	7.542	18
ID46607	104	15.843	36.503	7.961	19
ID46730	104	17.148	36.173	8.38	20
ID46939	104	18.386	36.123	8.799	21
ID47732	105	18.832	35.254	14.665	35
ID47951	105	21.251	34.92	15.084	36
ID48049	105	22.438	35.066	15.503	37
ID48000	105	24.664	34.817	15.922	38
ID48096	105	28.006	34.584	16.341	39
ID48189	105	29.715	34.496	16.76	40
ID48142	105	31.537	34.465	17.179	41
ID48279	105	34.077	34.333	17.598	42
ID48232	105	37.692	34.13	18.017	43
ID48361	105	40.321	34.228	18.436	44
ID48322	105	43.657	34.021	18.855	45
ID48404	105	47.238	33.707	19.274	46
ID48448	105	51.532	33.649	19.693	47
ID48488	105	54.737	33.523	20.112	48
ID48527	105	58.367	33.494	20.531	49
ID48045	106	31.556	34.317	15.503	37
ID47996	106	33.624	34.002	15.922	38
ID48094	106	35.83	33.871	16.341	39
ID48186	106	38.714	33.899	16.76	40
ID48137	106	40.594	33.411	17.179	41
ID48274	106	44.495	33.217	17.598	42
ID48228	106	47.233	33.177	18.017	43
ID48229	106	47.761	33.198	18.017	43
ID48358	106	50.552	33.013	18.436	44
ID48318	106	53.162	32.663	18.855	45
ID47648	107	40.441	28.491	12.989	31
ID47825	107	41.103	28.213	13.408	32
ID47766	107	41.763	28.15	13.827	33
ID47883	107	42.865	28.065	14.246	34
ID47711	107	44.155	27.998	14.665	35
ID47933	107	45.251	27.919	15.084	36
ID48026	107	46.527	27.977	15.503	37
ID47978	107	48.245	27.893	15.922	38
ID48077	107	50.515	27.691	16.341	39

ID48170	107	53.106	27.617	16.76	40
ID48124	107	56.328	27.816	17.179	41
ID48259	107	59.398	27.854	17.598	42
ID48214	107	62.568	28.036	18.017	43
ID48348	107	65.144	28.077	18.436	44
ID48305	107	67.17	28.109	18.855	45
ID48391	107	68.43	28.111	19.274	46
ID48431	107	71.621	27.851	19.693	47
ID44702	109	27.972	30.55	2.933	7
ID45314	109	29.211	30.067	3.352	8
ID45003	109	30.193	30.241	3.771	9
ID45472	109	31.011	30.226	4.19	10
ID45159	109	32.082	30.296	4.609	11
ID45776	109	33.128	30.125	5.028	12
ID45624	109	33.681	30.171	5.447	13
ID45917	109	34.511	29.893	5.866	14
ID46053	109	34.767	29.941	6.285	15
ID46307	109	35.136	29.993	6.704	16
ID46180	109	35.711	29.983	7.123	17
ID46436	109	36.67	30.192	7.542	18
ID46567	109	36.318	30.111	7.961	19
ID46571	109	39.412	30.641	7.961	19
ID46691	109	41.267	30.605	8.38	20
ID46687	109	36.091	30.062	8.38	20
ID46897	109	36.094	29.989	8.799	21
ID46797	109	36.112	29.823	9.218	22
ID47003	109	35.992	29.844	9.637	23
ID47175	109	36.713	29.703	10.056	24
ID46088	110	44.329	33.842	6.285	15
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ID46211	110	45.153	33.706	7.123	17
ID46468	110	45.429	33.584	7.542	18
ID43980	113	51.907	33.779	0	0
ID43827	113	51.035	33.721	0.419	1
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ID44284	113	49.232	33.941	1.257	3
ID44438	113	49.44	33.938	1.676	4
ID44898	113	49.207	34.052	2.095	5
ID44595	113	48.885	34.148	2.514	6
ID45365	113	47.925	34.6	3.352	8
ID45054	113	46.983	34.564	3.771	9
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ID45208	113	45.459	34.387	4.609	11
ID45826	113	45.467	34.345	5.028	12
ID45668	113	44.119	34.29	5.447	13
ID45963	113	43.569	34.174	5.866	14
ID46091	113	42.489	34.021	6.285	15
ID46349	113	41.58	34.117	6.704	16

ID44900	114	14.227	34.324	2.095	5
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ID44742	114	18.13	34.215	2.933	7
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ID45355	115	22.75	33.573	3.352	8
ID45042	115	24.128	33.344	3.771	9
ID45510	115	26.409	33.249	4.19	10
ID45192	115	28.877	33.009	4.609	11
ID45807	115	31.905	32.757	5.028	12
ID43986	116	45.567	33.956	0	0
ID43831	116	47.701	33.838	0.419	1
ID44136	116	48.725	33.698	0.838	2
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ID43768	117	52.981	28.701	0.419	1
ID44074	117	54.446	28.762	0.838	2
ID44231	117	56.474	29.084	1.257	3
ID44382	117	56.948	28.872	1.676	4
ID44835	117	56.977	29.036	2.095	5
ID44533	117	57.52	29.116	2.514	6
ID44690	117	59.092	29.242	2.933	7
ID45307	117	59.422	29.483	3.352	8
ID44998	117	61.074	29.702	3.771	9
ID45462	117	61.983	29.526	4.19	10
ID45153	117	63.006	29.514	4.609	11
ID45769	117	64.111	29.497	5.028	12
ID45616	117	64.82	29.662	5.447	13
ID45913	117	65.758	29.524	5.866	14
ID46050	117	66.117	29.585	6.285	15
ID46303	117	66.176	29.502	6.704	16
ID43911	118	63.454	28.214	0	0
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ID44217	118	58.801	28.307	1.257	3
ID44366	118	57.809	28.116	1.676	4
ID59967	118	57.242	28.05	2.095	5
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ID44676	118	57.61	28.369	2.933	7
ID45297	118	60.279	28.473	3.352	8
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ID45609	118	65.935	28.949	5.447	13
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ID45914	118	67.048	29.607	5.866	14
ID43901	121	60.791	27.319	0	0
ID43747	121	59.642	27.296	0.419	1

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ID44346	121	59.305	26.532	1.676	4
ID44806	121	59.486	26.704	2.095	5
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ID44660	121	60.768	27.067	2.933	7
ID45280	121	61.794	27.216	3.352	8
ID44967	121	61.956	27.301	3.771	9
ID45430	121	62.685	27.25	4.19	10
ID45122	121	63.537	27.241	4.609	11
ID45743	121	64.218	27.383	5.028	12
ID45588	121	64.906	27.308	5.447	13
ID45891	121	65.36	27.433	5.866	14
ID46031	121	66.379	27.428	6.285	15
ID46282	121	67.717	27.583	6.704	16
ID46157	121	68.884	27.8	7.123	17
ID46408	121	69.532	27.734	7.542	18
ID46528	121	72.382	27.187	7.961	19
ID46657	121	72.6	27.42	8.38	20
ID46873	121	73.063	27.525	8.799	21
ID46767	121	74.01	27.308	9.218	22
ID46980	121	74.923	27.489	9.637	23
ID47155	121	76.154	27.45	10.056	24
ID47239	121	76.914	26.546	10.475	25
ID47068	121	78.873	26.547	10.894	26
ID43916	124	79.631	28.357	0	0
ID43923	124	81.457	28.75	0	0
ID43765	124	81.205	28.614	0.419	1
ID43767	124	79.372	28.66	0.419	1
ID43772	124	82.023	28.866	0.419	1
ID44069	124	81.263	28.614	0.838	2
ID44077	124	79.376	28.838	0.838	2
ID44078	124	83.361	28.836	0.838	2
ID44225	124	81.175	28.643	1.257	3
ID44227	124	84.664	28.821	1.257	3
ID44223	124	79.851	28.585	1.257	3
ID44374	124	80.35	28.572	1.676	4
ID44378	124	81.417	28.618	1.676	4
ID44381	124	85.481	28.727	1.676	4
ID44824	124	79.765	28.526	2.095	5
ID44829	124	81.065	28.722	2.095	5
ID44830	124	86.48	28.737	2.095	5
ID44524	124	80.298	28.499	2.514	6
ID44527	124	81.686	28.642	2.514	6
ID44528	124	87.849	28.784	2.514	6
ID44679	124	81.894	28.426	2.933	7
ID44684	124	80.748	28.628	2.933	7
ID45298	124	82.677	28.527	3.352	8

ID45301	124	81.146	28.72	3.352	8
ID44985	124	82.168	28.559	3.771	9
ID44988	124	84.103	28.594	3.771	9
ID45447	124	83.215	28.519	4.19	10
ID45449	124	85.315	28.543	4.19	10
ID45137	124	87.206	28.497	4.609	11
ID45142	124	84.967	28.745	4.609	11
ID45758	124	87.394	28.737	5.028	12
ID43959	125	86.634	32.154	0	0
ID43810	125	85.898	32.376	0.419	1
ID44114	125	85.013	32.035	0.838	2
ID44251	125	84.472	31.752	1.257	3
ID44399	125	85.455	31.528	1.676	4
ID43918	126	78.152	28.457	0	0
ID43766	126	77.249	28.659	0.419	1
ID44072	126	77.21	28.635	0.838	2
ID44222	126	76.997	28.508	1.257	3
ID44379	126	76.629	28.627	1.676	4
ID44826	126	76.302	28.693	2.095	5
ID44522	126	76.103	28.465	2.514	6
ID44674	126	76.68	28.246	2.933	7
ID45290	126	77.252	28.247	3.352	8
ID44976	126	78.165	28.122	3.771	9
ID45448	126	79.249	28.53	4.19	10
ID45439	126	78.959	28.047	4.19	10
ID45136	126	80.129	28.48	4.609	11
ID45755	126	80.313	28.435	5.028	12
ID45603	126	80.843	28.307	5.447	13
ID45900	126	82.09	28.108	5.866	14
ID46042	126	81.834	28.323	6.285	15
ID46290	126	82.812	28.44	6.704	16
ID46160	126	83.931	28.307	7.123	17
ID46420	126	85.242	28.489	7.542	18
ID46545	126	85.861	28.393	7.961	19
ID46668	126	86.98	28.473	8.38	20
ID46880	126	87.849	28.466	8.799	21
ID43877	132	87.849	25.242	0	0
ID43719	132	87.849	25.015	0.419	1
ID44025	132	87.276	24.955	0.838	2
ID44176	132	86.846	24.843	1.257	3
ID44324	132	86.919	24.757	1.676	4
ID44782	132	87.082	24.715	2.095	5
ID44477	132	86.97	24.686	2.514	6
ID44637	132	86.459	24.714	2.933	7
ID45254	132	86.446	24.973	3.352	8
ID44944	132	86.67	24.934	3.771	9
ID45405	132	86.509	24.833	4.19	10
ID45099	132	86.21	24.821	4.609	11

ID45714	132	85.725	24.886	5.028	12
ID45568	132	85.917	25.153	5.447	13
ID45870	132	85.784	25.225	5.866	14
ID45872	132	86.783	25.287	5.866	14
ID46006	132	85.734	25.011	6.285	15
ID46014	132	87.849	25.56	6.285	15
ID46259	132	86.724	25.275	6.704	16
ID46137	132	87.849	25.515	7.123	17
ID43864	134	79.457	21.412	0	0
ID43866	134	81.422	22.379	0	0
ID43867	134	82.428	23.063	0	0
ID43709	134	79.074	21.077	0.419	1
ID43710	134	80.616	21.829	0.419	1
ID43714	134	81.763	22.604	0.419	1
ID44014	134	78.681	20.695	0.838	2
ID44015	134	79.791	21.313	0.838	2
ID44016	134	80.93	22.033	0.838	2
ID44166	134	78.401	20.487	1.257	3
ID44168	134	80.276	21.888	1.257	3
ID44170	134	81.659	22.586	1.257	3
ID44313	134	78.045	20.422	1.676	4
ID44315	134	78.823	20.968	1.676	4
ID44316	134	79.671	21.854	1.676	4
ID44318	134	80.88	22.421	1.676	4
ID44772	134	77.489	20.543	2.095	5
ID44774	134	78.309	20.989	2.095	5
ID44775	134	78.781	21.749	2.095	5
ID44776	134	80.126	21.851	2.095	5
ID44467	134	77.908	21.071	2.514	6
ID44469	134	79.295	21.878	2.514	6
ID44624	134	77.55	21.044	2.933	7
ID44627	134	78.666	21.906	2.933	7
ID45237	134	77.133	20.9	3.352	8
ID45240	134	77.19	21.778	3.352	8
ID44929	134	77.97	22.119	3.771	9
ID44926	134	76.881	21.266	3.771	9
ID45389	134	76.841	21.165	4.19	10
ID45393	134	76.838	22.286	4.19	10
ID45079	134	76.631	21.194	4.609	11
ID45082	134	76.98	22.309	4.609	11
ID45697	134	77.477	22.323	5.028	12
ID45695	134	76.906	21.321	5.028	12
ID45550	134	77.123	21.738	5.447	13
ID45552	134	77.91	22.683	5.447	13
ID45851	134	77.735	21.504	5.866	14
ID45852	134	78.709	22.362	5.866	14
ID45992	134	78.057	21.583	6.285	15
ID45993	134	79.072	22.43	6.285	15

ID46243	134	78.495	21.716	6.704	16
ID46245	134	79.62	22.731	6.704	16
ID46118	134	79.139	22.008	7.123	17
ID46120	134	80.217	22.97	7.123	17
ID46376	134	79.772	22.051	7.542	18
ID46378	134	80.921	23.226	7.542	18
ID46499	134	79.744	22.114	7.961	19
ID46503	134	81.692	23.53	7.961	19
ID46624	134	80.064	22.365	8.38	20
ID46628	134	82.31	23.856	8.38	20
ID46845	134	80.678	23.044	8.799	21
ID46846	134	82.656	23.612	8.799	21
ID46747	134	81.837	23.331	9.218	22
ID46749	134	83.227	23.839	9.218	22
ID46961	134	82.814	23.794	9.637	23
ID46963	134	84.202	24.397	9.637	23
ID47136	134	83.427	23.825	10.056	24
ID47139	134	84.841	24.325	10.056	24
ID47224	134	84.445	24.067	10.475	25
ID47226	134	85.568	24.348	10.475	25
ID47053	134	85.381	24.1	10.894	26
ID47054	134	86.328	24.397	10.894	26
ID47311	134	86.7	24.52	11.313	27
ID47389	134	86.563	24.609	11.732	28
ID47390	134	87.35	24.692	11.732	28
ID47548	134	87.849	24.788	12.151	29
ID47477	134	87.849	24.925	12.57	30
ID47619	134	87.849	24.97	12.989	31
ID44020	137	82.795	23.079	0.838	2
ID44172	137	82.904	23.327	1.257	3
ID44320	137	81.921	23.054	1.676	4
ID44780	137	82.408	23.161	2.095	5
ID44472	137	81.495	22.785	2.514	6
ID44630	137	80.728	22.473	2.933	7
ID45243	137	79.338	22.236	3.352	8
ID44931	137	79.438	22.455	3.771	9
ID45394	137	78.872	22.342	4.19	10
ID45083	137	78.47	22.274	4.609	11
ID45698	137	78.579	22.351	5.028	12
ID45553	137	79.241	22.76	5.447	13
ID45854	137	80.197	22.684	5.866	14
ID45994	137	80.623	22.734	6.285	15
ID46246	137	81.055	22.915	6.704	16
ID46122	137	81.709	23.274	7.123	17
ID46379	137	82.714	23.668	7.542	18
ID46505	137	83.634	24.069	7.961	19
ID46634	137	85.484	24.855	8.38	20
ID46851	137	86.002	24.92	8.799	21

ID46752	137	86.783	24.78	9.218	22
ID46512	141	67.156	25.088	7.961	19
ID46637	141	67.18	25.088	8.38	20
ID46855	141	67.361	25.321	8.799	21
ID46756	141	68.196	25.473	9.218	22
ID46969	141	69.039	25.502	9.637	23
ID47148	141	70.857	25.779	10.056	24
ID47234	141	71.968	26.026	10.475	25
ID47065	141	73.965	26.115	10.894	26
ID47320	141	75.693	26.145	11.313	27
ID47396	141	77.578	25.99	11.732	28
ID47070	142	75.118	27.053	10.894	26
ID47324	142	76.63	27.074	11.313	27
ID47404	142	77.111	26.878	11.732	28
ID47561	142	77.151	26.869	12.151	29
ID47488	142	77.433	26.863	12.57	30
ID47631	142	77.597	26.816	12.989	31
ID47816	142	77.943	26.938	13.408	32
ID47759	142	78.169	27.204	13.827	33
ID47873	142	78.132	27.155	14.246	34
ID47702	142	78.388	26.841	14.665	35
ID47925	142	78.684	26.594	15.084	36
ID43903	151	49.926	27.415	0	0
ID43749	151	50.267	27.404	0.419	1
ID43750	151	51.528	27.506	0.419	1
ID44054	151	52.796	27.384	0.838	2
ID44055	151	50.682	27.481	0.838	2
ID44209	151	50.54	27.655	1.257	3
ID44207	151	52.882	27.458	1.257	3
ID44360	151	50.467	27.687	1.676	4
ID44364	151	54.913	27.889	1.676	4
ID44816	151	55.221	27.895	2.095	5
ID44814	151	50.992	27.791	2.095	5
ID44086	154	43.862	29.819	0.838	2
ID44234	154	45.291	29.707	1.257	3
ID44386	154	46.598	29.598	1.676	4
ID43942	155	39.646	30.829	0	0
ID43783	155	42.035	30.214	0.419	1
ID44089	155	41.745	30.069	0.838	2
ID43906	158	44.851	27.987	0	0
ID43754	158	45.429	28.013	0.419	1
ID44059	158	46.729	27.725	0.838	2
ID44205	158	48.444	27.369	1.257	3
ID44514	160	47.209	27.997	2.514	6
ID44666	160	49.061	27.373	2.933	7
ID45286	160	50.907	27.797	3.352	8
ID43883	162	24.647	25.88	0	0
ID43895	162	31.677	26.879	0	0

ID43728	162	26.884	25.901	0.419	1
ID43742	162	32.856	26.998	0.419	1
ID44041	162	29.508	26.14	0.838	2
ID44049	162	34.072	26.938	0.838	2
ID44196	162	31.437	26.42	1.257	3
ID44204	162	34.977	26.967	1.257	3
ID44352	162	35.766	26.658	1.676	4
ID44345	162	33.913	26.47	1.676	4
ID44802	162	36.561	26.637	2.095	5
ID44502	162	38.387	27.101	2.514	6
ID44663	162	40.768	27.135	2.933	7
ID44665	162	46.831	27.23	2.933	7
ID45281	162	47.273	27.376	3.352	8
ID45279	162	43.506	27.198	3.352	8
ID44966	162	47.026	27.239	3.771	9
ID44973	162	45.341	27.588	3.771	9
ID45436	162	46.725	27.873	4.19	10
ID45124	162	47.221	27.387	4.609	11
ID45746	162	47.667	27.481	5.028	12
ID45590	162	48.137	27.434	5.447	13
ID45892	162	50.103	27.45	5.866	14
ID46034	162	52.403	27.588	6.285	15
ID45606	166	70.972	28.509	5.447	13
ID45905	166	70.657	28.504	5.866	14
ID46043	166	71.375	28.397	6.285	15
ID46287	166	72.051	28.289	6.704	16
ID46295	166	69.628	28.975	6.704	16
ID46161	166	72.625	28.58	7.123	17
ID46165	166	70.483	28.889	7.123	17
ID46169	166	71.643	28.996	7.123	17
ID46422	166	72.955	28.661	7.542	18
ID46426	166	71.631	28.898	7.542	18
ID46547	166	72.138	28.618	7.961	19
ID46549	166	73.259	28.694	7.961	19
ID46674	166	73.623	28.683	8.38	20
ID46884	166	74.191	28.74	8.799	21
ID46780	166	74.757	28.698	9.218	22
ID46991	166	74.995	28.76	9.637	23
ID46451	167	65.522	31.693	7.542	18
ID46576	167	67.787	31.199	7.961	19
ID46693	167	69.294	30.79	8.38	20
ID46209	170	57.748	33.421	7.123	17
ID46467	170	60.299	33.51	7.542	18
ID46593	170	62.249	33.427	7.961	19
ID46720	170	62.061	33.5	8.38	20
ID46932	170	62.671	33.696	8.799	21
ID46821	170	62.024	33.397	9.218	22
ID47028	170	62.552	33.168	9.637	23

ID47198	170	64.961	33.034	10.056	24
ID47285	170	66.999	33.107	10.475	25
ID45517	171	54.091	33.801	4.19	10
ID45200	171	54.611	33.874	4.609	11
ID46469	173	55.856	33.582	7.542	18
ID46592	173	56.72	33.411	7.961	19
ID46719	173	58.841	33.378	8.38	20
ID46926	173	60.346	33.035	8.799	21
ID45353	174	57.647	33.497	3.352	8
ID45044	174	56.879	33.603	3.771	9
ID45515	174	56.205	33.727	4.19	10
ID45201	174	55.422	33.933	4.609	11
ID45815	174	51.046	33.556	5.028	12
ID45821	174	54.682	34.057	5.028	12
ID45661	174	50.565	33.627	5.447	13
ID45664	174	54.098	33.989	5.447	13
ID45665	174	52.367	34.032	5.447	13
ID45961	174	53.299	33.797	5.866	14
ID45962	174	51.283	33.83	5.866	14
ID46089	174	50.378	33.835	6.285	15
ID46090	174	52.687	33.916	6.285	15
ID46344	174	48.606	33.848	6.704	16
ID46345	174	49.737	33.871	6.704	16
ID46346	174	52.831	33.857	6.704	16
ID46213	174	53.112	33.775	7.123	17
ID46214	174	47.45	33.839	7.123	17
ID46215	174	50.267	33.812	7.123	17
ID46473	174	52.771	33.686	7.542	18
ID46475	174	46.866	33.897	7.542	18
ID46595	174	45.475	33.469	7.961	19
ID46596	174	48.338	33.448	7.961	19
ID46599	174	52.034	33.604	7.961	19
ID46721	174	49.185	33.587	8.38	20
ID46717	174	45.949	33.27	8.38	20
ID46718	174	54.911	33.375	8.38	20
ID46924	174	46.828	32.885	8.799	21
ID46929	174	56.929	33.268	8.799	21
ID46931	174	49.963	33.531	8.799	21
ID46817	174	48.799	32.833	9.218	22
ID46820	174	56.166	33.25	9.218	22
ID47022	174	50.776	32.734	9.637	23
ID47027	174	55.341	33.167	9.637	23
ID47196	174	54.322	32.97	10.056	24
ID47286	174	57.834	33.139	10.475	25
ID47110	174	60.348	33.086	10.894	26
ID47365	174	63.056	33.016	11.313	27
ID47451	174	66.679	32.87	11.732	28
ID45195	175	27.733	33.289	4.609	11

ID45170	175	29.143	31.317	4.609	11
ID45785	175	30.221	31.191	5.028	12
ID45810	175	29.854	32.98	5.028	12
ID45651	175	31.701	32.58	5.447	13
ID45629	175	30.456	30.875	5.447	13
ID45924	175	30.87	30.659	5.866	14
ID45938	175	33.037	31.523	5.866	14
ID46058	175	31.351	30.543	6.285	15
ID46061	175	33.568	31.007	6.285	15
ID46312	175	32.574	30.295	6.704	16
ID46318	175	34.369	30.915	6.704	16
ID46179	175	33.572	29.985	7.123	17
ID46187	175	34.367	30.749	7.123	17
ID46434	175	33.231	30.075	7.542	18
ID46439	175	34.459	30.229	7.542	18
ID46565	175	33.105	30.031	7.961	19
ID46568	175	34.621	30.175	7.961	19
ID46686	175	32.919	30.049	8.38	20
ID46688	175	34.452	30.107	8.38	20
ID46898	175	34.291	30.053	8.799	21
ID46798	175	33.568	29.875	9.218	22
ID47002	175	33.373	29.828	9.637	23
ID47177	175	32.964	29.803	10.056	24
ID47271	175	33.749	29.767	10.475	25
ID47095	175	34.449	29.717	10.894	26
ID47348	175	35.241	29.621	11.313	27
ID47433	175	35.57	29.621	11.732	28
ID44511	179	36.576	27.498	2.514	6
ID44659	179	36.788	27.009	2.933	7
ID44670	179	37.986	27.7	2.933	7
ID45273	179	36.12	26.67	3.352	8
ID45278	179	38.144	27.087	3.352	8
ID44963	179	38.616	27.132	3.771	9
ID44956	179	37.214	26.351	3.771	9
ID45427	179	38.018	26.843	4.19	10
ID45118	179	38.532	27.023	4.609	11
ID45738	179	39.529	27.019	5.028	12
ID45587	179	40.609	27.206	5.447	13
ID45887	179	40.913	27.274	5.866	14
ID46027	179	41.39	27.31	6.285	15
ID46277	179	42.336	27.392	6.704	16
ID46151	179	43.056	27.534	7.123	17
ID46406	179	43.567	27.578	7.542	18
ID46530	179	43.443	27.534	7.961	19
ID46658	179	44.407	27.534	8.38	20
ID46871	179	45.161	27.35	8.799	21
ID46770	179	46.415	27.46	9.218	22
ID46984	179	48.079	27.729	9.637	23

ID47163	179	50.259	27.869	10.056	24
ID47250	179	52.001	27.88	10.475	25
ID44719	180	56.981	32.056	2.933	7
ID45332	180	58.016	31.981	3.352	8
ID45023	180	58.925	31.882	3.771	9
ID45490	180	60.46	31.712	4.19	10
ID45173	180	62.128	31.668	4.609	11
ID45790	180	63.462	31.587	5.028	12
ID45638	180	65.446	31.336	5.447	13
ID45929	180	67.957	31.012	5.866	14
ID46060	180	68.745	30.964	6.285	15
ID46319	180	69.964	31.161	6.704	16
ID45039	181	59.52	33.203	3.771	9
ID45505	181	62.248	32.837	4.19	10
ID45186	181	63.515	32.643	4.609	11
ID45808	181	65.374	32.781	5.028	12
ID45654	181	67.368	32.814	5.447	13
ID45952	181	67.411	32.925	5.866	14
ID46078	181	69.185	32.747	6.285	15
ID46334	181	70.872	32.876	6.704	16
ID46207	181	71.395	32.821	7.123	17
ID46460	181	71.81	32.711	7.542	18
ID46462	182	75.365	32.829	7.542	18
ID46589	182	75.409	32.802	7.961	19
ID46708	182	75.392	32.66	8.38	20
ID46920	182	75.499	32.631	8.799	21
ID46813	182	76.245	32.471	9.218	22
ID47023	182	76.899	32.713	9.637	23
ID43893	184	72.635	26.599	0	0
ID43737	184	72.31	26.574	0.419	1
ID43738	184	73.902	26.607	0.419	1
ID44045	184	73.624	26.561	0.838	2
ID44197	184	73.03	26.41	1.257	3
ID44347	184	73.317	26.5	1.676	4
ID44644	189	83.543	25.577	2.933	7
ID45251	189	83.067	24.657	3.352	8
ID44942	189	82.352	24.684	3.771	9
ID45406	189	81.502	24.883	4.19	10
ID45102	189	80.477	25.062	4.609	11
ID45712	189	80.852	24.84	5.028	12
ID45715	189	79.695	24.938	5.028	12
ID45566	189	81.991	25.169	5.447	13
ID45873	189	82.713	25.379	5.866	14
ID46013	189	82.502	25.562	6.285	15
ID46265	189	81.817	25.835	6.704	16
ID46143	189	81.647	26.32	7.123	17
ID45744	190	79.953	27.389	5.028	12
ID45596	190	79.922	27.88	5.447	13

ID45898	190	80.677	27.879	5.866	14
ID46033	190	81.5	27.468	6.285	15
ID46283	190	81.871	27.621	6.704	16
ID46156	190	82.267	27.687	7.123	17
ID46409	190	82.503	27.741	7.542	18
ID46534	190	83.369	27.715	7.961	19
ID46656	190	83.935	27.391	8.38	20
ID46869	190	84.18	27.175	8.799	21
ID46768	190	84.7	27.362	9.218	22
ID46726	191	36.28	34.311	8.38	20
ID46937	191	34.443	34.726	8.799	21
ID46827	191	33.746	34.802	9.218	22
ID47032	191	33.525	34.837	9.637	23
ID47204	191	34.113	34.664	10.056	24
ID47290	191	35.341	34.613	10.475	25
ID47113	191	37.003	34.417	10.894	26
ID47202	192	48.379	33.697	10.056	24
ID47289	192	47.605	33.728	10.475	25
ID47112	192	47.203	33.702	10.894	26
ID47366	192	46.523	33.509	11.313	27
ID47583	193	72.483	29.144	12.151	29
ID47498	193	73.844	28.41	12.57	30
ID47647	193	74.252	28.444	12.989	31
ID47828	193	74.307	28.51	13.408	32
ID47836	193	66.569	29.44	13.408	32
ID47778	193	69.807	29.35	13.827	33
ID47772	193	74.27	28.56	13.827	33
ID47887	193	75.096	28.448	14.246	34
ID47891	193	72.08	29.309	14.246	34
ID47719	193	76.416	28.937	14.665	35
ID47721	193	74.348	29.209	14.665	35
ID47940	193	77.808	28.997	15.084	36
ID47942	193	75.903	29.086	15.084	36
ID48038	193	79.824	28.948	15.503	37
ID48039	193	77.68	29.024	15.503	37
ID47985	193	80.615	28.65	15.922	38
ID47987	193	78.939	28.837	15.922	38
ID48087	193	81.014	28.661	16.341	39
ID48181	193	82.805	28.639	16.76	40
ID48130	193	85.226	28.647	17.179	41
ID48269	193	87.849	28.784	17.598	42
ID47444	194	73.942	31.266	11.732	28
ID47593	194	75.971	31.191	12.151	29
ID47518	194	78.064	30.919	12.57	30
ID47666	194	80.792	30.978	12.989	31
ID47661	194	79.917	30.391	12.989	31
ID44490	196	72.751	26.088	2.514	6
ID44651	196	73.853	26.222	2.933	7

ID45270	196	73.766	26.36	3.352	8
ID44954	196	74.647	26.204	3.771	9
ID45421	196	74.937	26.204	4.19	10
ID43733	197	68.433	26.217	0.419	1
ID44042	197	68.937	26.135	0.838	2
ID44191	197	69.256	26.161	1.257	3
ID44342	197	69.713	26.278	1.676	4
ID44800	197	69.812	26.463	2.095	5
ID44497	197	70.664	26.533	2.514	6
ID44655	197	71.55	26.484	2.933	7
ID45272	197	72.654	26.585	3.352	8
ID44959	197	73.097	26.556	3.771	9
ID45423	197	73.563	26.488	4.19	10
ID45117	197	74.363	26.607	4.609	11
ID45735	197	74.974	26.656	5.028	12
ID45584	197	75.5	26.693	5.447	13
ID45885	197	75.825	26.803	5.866	14
ID46026	197	75.71	26.938	6.285	15
ID46275	197	76.626	27.021	6.704	16
ID46405	198	78.125	27.166	7.542	18
ID46529	198	78.427	27.214	7.961	19
ID46654	198	78.972	27.078	8.38	20
ID46866	198	78.725	27.096	8.799	21
ID46765	198	78.724	26.929	9.218	22
ID46975	198	78.585	26.98	9.637	23
ID47153	198	79.643	27.108	10.056	24
ID47241	198	80.633	27.136	10.475	25
ID47069	198	81.092	27.03	10.894	26
ID46010	199	77.958	25.288	6.285	15
ID46262	199	78.644	25.393	6.704	16
ID46138	199	79.318	25.634	7.123	17
ID46395	199	80.504	25.846	7.542	18
ID46520	199	81.17	25.847	7.961	19
ID46523	199	82.323	26.461	7.961	19
ID46651	199	82.666	26.514	8.38	20
ID44198	201	86.465	26.45	1.257	3
ID44348	201	86.231	26.532	1.676	4
ID44801	201	85.987	26.479	2.095	5
ID44805	201	87.849	26.65	2.095	5
ID44496	201	85.775	26.453	2.514	6
ID44498	201	87.024	26.594	2.514	6
ID44653	201	85.25	26.393	2.933	7
ID44657	201	86.649	26.85	2.933	7
ID45271	201	85.754	26.373	3.352	8
ID45274	201	86.694	26.673	3.352	8
ID44962	201	87.849	26.968	3.771	9
ID44955	201	85.616	26.204	3.771	9
ID45419	201	85.151	26.101	4.19	10

ID45429	201	87.711	26.995	4.19	10
ID45114	201	85.786	26.382	4.609	11
ID45119	201	87.849	27.013	4.609	11
ID45734	201	86.829	26.61	5.028	12
ID45737	201	87.583	26.726	5.028	12
ID45585	201	87.849	26.695	5.447	13
ID45886	201	87.849	27.195	5.866	14
ID46032	201	87.681	27.418	6.285	15
ID46278	201	87.849	27.376	6.704	16
ID46149	201	87.849	27.422	7.123	17
ID45739	203	81.967	27.172	5.028	12
ID45594	203	82.875	27.576	5.447	13
ID45894	203	83.38	27.548	5.866	14
ID46036	203	84.412	27.616	6.285	15
ID46284	203	84.819	27.756	6.704	16
ID46153	203	85.247	27.638	7.123	17
ID46410	203	86.509	27.732	7.542	18
ID46541	203	87.849	28.193	7.961	19
ID43746	205	67.39	27.244	0.419	1
ID44053	205	67.046	27.303	0.838	2
ID44210	205	67.477	27.728	1.257	3
ID44365	205	67.38	27.914	1.676	4
ID44817	205	68.078	28.014	2.095	5
ID44515	205	68.584	28.005	2.514	6
ID44673	205	68.511	28	2.933	7
ID45288	205	69.134	27.953	3.352	8
ID44977	205	69.21	28.208	3.771	9
ID45442	205	68.559	28.257	4.19	10
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ID43869	206	61.649	24.195	0	0
ID43873	206	64.91	25.009	0	0
ID43716	206	61.398	24.499	0.419	1
ID43718	206	64.797	24.958	0.419	1
ID44044	206	67.911	26.584	0.838	2
ID44022	206	60.759	24.344	0.838	2
ID44026	206	64.982	25.044	0.838	2
ID44175	206	65.106	24.636	1.257	3
ID44180	206	60.386	25.372	1.257	3
ID44195	206	67.505	26.375	1.257	3
ID44323	206	64.912	24.579	1.676	4
ID44330	206	60.358	25.365	1.676	4
ID44350	206	66.916	26.567	1.676	4
ID44783	206	64.967	24.73	2.095	5
ID44790	206	62.043	25.442	2.095	5
ID44799	206	66.237	26.475	2.095	5
ID44474	206	65.025	24.634	2.514	6
ID44481	206	62.327	25.317	2.514	6
ID44493	206	65.99	26.339	2.514	6

ID44499	206	64.785	26.714	2.514	6
ID44635	206	65.128	24.653	2.933	7
ID44640	206	63.118	25.251	2.933	7
ID44649	206	66.371	26.039	2.933	7
ID44654	206	64.341	26.452	2.933	7
ID45250	206	65.084	24.594	3.352	8
ID45259	206	63.625	25.379	3.352	8
ID45266	206	64.159	26.268	3.352	8
ID45267	206	66.614	26.324	3.352	8
ID44940	206	65.308	24.708	3.771	9
ID44949	206	63.488	25.462	3.771	9
ID44957	206	67.07	26.4	3.771	9
ID44958	206	64.888	26.429	3.771	9
ID45404	206	65.113	24.838	4.19	10
ID45412	206	64.233	25.436	4.19	10
ID45422	206	66.713	26.385	4.19	10
ID45424	206	67.475	26.496	4.19	10
ID45425	206	65.341	26.565	4.19	10
ID45091	206	65.877	24.224	4.609	11
ID45101	206	65.812	25.014	4.609	11
ID45106	206	64.692	25.33	4.609	11
ID45113	206	68.265	26.402	4.609	11
ID45115	206	65.904	26.455	4.609	11
ID45116	206	67.221	26.54	4.609	11
ID45709	206	66.848	24.443	5.028	12
ID45716	206	64.853	24.964	5.028	12
ID45721	206	65.902	25.242	5.028	12
ID45726	206	69.355	26.112	5.028	12
ID45728	206	66.445	26.294	5.028	12
ID45733	206	67.772	26.596	5.028	12
ID45569	206	65.126	25.193	5.447	13
ID45570	206	67.483	25.313	5.447	13
ID45579	206	67.213	26.306	5.447	13
ID45580	206	70.269	26.31	5.447	13
ID45582	206	68.695	26.649	5.447	13
ID45563	206	66.428	24.664	5.447	13
ID45867	206	65.958	25.097	5.866	14
ID45869	206	67.262	25.232	5.866	14
ID45882	206	70.89	26.317	5.866	14
ID45884	206	69.621	26.502	5.866	14
ID46009	206	66.975	25.191	6.285	15
ID46017	206	71.494	26.098	6.285	15
ID46023	206	70.542	26.393	6.285	15
ID46258	206	66.535	25.164	6.704	16
ID46267	206	72.007	26.187	6.704	16
ID46134	206	66.768	25.132	7.123	17
ID46142	206	72.548	26.351	7.123	17
ID46390	206	67.264	25.25	7.542	18

ID46399	206	73.02	26.182	7.542	18
ID46515	206	68.027	25.364	7.961	19
ID46521	206	73.526	26.166	7.961	19
ID46641	206	69.19	25.379	8.38	20
ID46648	206	73.763	26.224	8.38	20
ID46857	206	70.045	25.509	8.799	21
ID46860	206	74.137	26.128	8.799	21
ID46757	206	71.081	25.501	9.218	22
ID46761	206	74.145	26.045	9.218	22
ID46971	206	72.146	25.558	9.637	23
ID46974	206	74.902	26.132	9.637	23
ID47147	206	73.373	25.756	10.056	24
ID47150	206	74.789	26.026	10.056	24
ID47233	206	74.672	25.847	10.475	25
ID47236	206	76.035	26.128	10.475	25
ID47064	206	76.388	26.049	10.894	26
ID47067	206	77.483	26.223	10.894	26
ID47319	206	77.751	26.104	11.313	27
ID47399	206	79.152	26.253	11.732	28
ID47556	206	81.065	26.387	12.151	29
ID47484	206	82.874	26.359	12.57	30
ID47629	206	84.911	26.343	12.989	31
ID47813	206	86.939	26.463	13.408	32
ID47756	206	87.849	26.65	13.827	33
ID44877	209	32.84	32.612	2.095	5
ID44570	209	33.259	32.472	2.514	6
ID44726	209	34.598	32.368	2.933	7
ID45341	209	37.021	32.477	3.352	8
ID45031	209	38.369	32.283	3.771	9
ID45500	209	39.55	32.295	4.19	10
ID45183	209	41.855	32.327	4.609	11
ID45799	209	43.776	32.164	5.028	12
ID45644	209	44.947	32.055	5.447	13
ID45943	209	45.44	31.951	5.866	14
ID46074	209	45.665	32.02	6.285	15
ID46331	209	46.71	31.94	6.704	16
ID46332	209	48.542	31.995	6.704	16
ID46196	209	49.132	31.571	7.123	17
ID46199	209	51.34	31.789	7.123	17
ID46204	209	47.706	32.215	7.123	17
ID46448	209	51.615	31.302	7.542	18
ID46455	209	53.787	31.817	7.542	18
ID46457	209	49.715	32.211	7.542	18
ID46578	209	53.71	31.406	7.961	19
ID46580	209	55.915	31.688	7.961	19
ID46584	209	51.591	32.129	7.961	19
ID46696	209	55.139	31.296	8.38	20
ID46701	209	57.531	31.771	8.38	20

ID46703	209	53.759	31.984	8.38	20
ID46906	209	57.218	31.212	8.799	21
ID46908	209	59.268	31.382	8.799	21
ID46804	209	59.206	31.031	9.218	22
ID47011	209	61.638	30.995	9.637	23
ID47012	209	62.395	31.085	9.637	23
ID47014	209	62.542	31.74	9.637	23
ID47186	209	63.37	31.441	10.056	24
ID47188	209	64.942	31.745	10.056	24
ID47277	209	67.235	31.397	10.475	25
ID47102	209	69.284	31.288	10.894	26
ID47715	210	71.704	28.247	14.665	35
ID47935	210	73.131	28.136	15.084	36
ID48028	210	73.926	27.952	15.503	37
ID47979	210	74.788	27.97	15.922	38
ID48081	210	75.286	27.812	16.341	39
ID48174	210	75.981	27.872	16.76	40
ID48083	212	73.247	27.992	16.341	39
ID48175	212	73.706	28.193	16.76	40
ID48127	212	74.062	28.35	17.179	41
ID48267	212	74.387	28.574	17.598	42
ID48221	212	74.925	28.719	18.017	43
ID48354	212	75.285	28.972	18.436	44
ID48311	212	76.131	29.117	18.855	45
ID48312	212	74.743	29.533	18.855	45
ID48397	212	76.578	29.221	19.274	46
ID48399	212	75.107	29.577	19.274	46
ID48441	212	78.063	29.444	19.693	47
ID48442	212	76.046	29.472	19.693	47
ID48483	212	77.894	29.544	20.112	48
ID48484	212	79.484	29.615	20.112	48
ID48522	212	81.107	29.729	20.531	49
ID48179	214	67.547	28.619	16.76	40
ID48132	214	69.049	29.106	17.179	41
ID48270	214	70.203	29.065	17.598	42
ID48224	214	71.326	29.314	18.017	43
ID61362	214	72.496	29.745	18.437	44
ID48315	214	73.067	30.196	18.855	45
ID61371	214	73.525	29.987	19.275	46
ID48163	215	75.843	26.515	16.76	40
ID48115	215	76.746	26.65	17.179	41
ID48252	215	77.374	26.767	17.598	42
ID48208	215	78.331	27.008	18.017	43
ID48341	215	78.846	27.044	18.436	44
ID48296	215	79.575	27.118	18.855	45
ID48381	215	80.006	27.174	19.274	46
ID48426	215	80.56	27.223	19.693	47
ID48471	215	80.732	27.265	20.112	48

ID48509	215	81.203	27.4	20.531	49
ID61392	216	78.005	26.536	15.504	37
ID48020	216	78.724	26.572	15.503	37
ID47971	216	79.745	26.481	15.922	38
ID47972	216	78.377	26.642	15.922	38
ID48068	216	80.132	26.462	16.341	39
ID48069	216	81.451	26.448	16.341	39
ID48071	216	78.586	26.649	16.341	39
ID48164	216	80.974	26.719	16.76	40
ID48165	216	82.191	26.742	16.76	40
ID48166	216	79.121	26.808	16.76	40
ID48116	216	82.57	26.809	17.179	41
ID48118	216	79.627	26.836	17.179	41
ID48253	216	83.175	26.932	17.598	42
ID48255	216	80.253	27.063	17.598	42
ID48209	216	81.933	27.118	18.017	43
ID48210	216	84.435	27.251	18.017	43
ID48342	216	83.326	27.283	18.436	44
ID48344	216	85.592	27.361	18.436	44
ID48297	216	86.58	27.275	18.855	45
ID48300	216	84.757	27.409	18.855	45
ID48385	216	86.407	27.413	19.274	46
ID48382	216	87.849	27.285	19.274	46
ID48427	216	87.849	27.331	19.693	47
ID47868	217	79.56	26.362	14.246	34
ID47697	217	80.992	26.158	14.665	35
ID47921	217	82.399	25.963	15.084	36
ID48018	217	83.597	26.068	15.503	37
ID47970	217	84.63	26.137	15.922	38
ID48067	217	86.56	26.163	16.341	39
ID48162	217	87.849	26.423	16.76	40
ID43936	218	65.822	30.164	0	0
ID43784	218	66.506	30.255	0.419	1
ID44085	218	67.147	29.767	0.838	2
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ID44237	218	66.276	29.882	1.257	3
ID44388	218	66.315	29.839	1.676	4
ID44838	218	65.894	29.75	2.095	5
ID44536	218	66.465	29.64	2.514	6
ID44701	218	67.147	30.235	2.933	7
ID45316	218	68.083	30.294	3.352	8
ID43945	219	64.447	31.033	0	0
ID43947	219	61.999	31.382	0	0
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ID43796	219	63.378	31.446	0.419	1
ID44093	219	64.686	30.46	0.838	2
ID44095	219	64.196	30.696	0.838	2
ID44240	219	64.56	30.491	1.257	3

ID44248	220	67.647	31.24	1.257	3
ID44397	220	66.869	31.312	1.676	4
ID44856	220	67.56	31.552	2.095	5
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ID44559	220	68.151	31.784	2.514	6
ID44717	220	68.968	31.978	2.933	7
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ID45026	220	70.237	32.063	3.771	9
ID45495	220	71.86	31.811	4.19	10
ID45174	220	73.353	31.679	4.609	11
ID45789	220	74.077	31.387	5.028	12
ID45631	220	74.947	31.019	5.447	13
ID45937	220	75.789	31.437	5.866	14
ID46071	220	76.738	31.562	6.285	15
ID46326	220	78.197	31.483	6.704	16
ID61480	222	53.005	32.832	10.476	25
ID47108	222	54.22	32.732	10.894	26
ID47362	222	57.662	32.589	11.313	27
ID47600	225	15.332	35.762	12.151	29
ID47527	225	17.456	35.42	12.57	30
ID47674	225	20.936	34.895	12.989	31
ID47844	225	25.437	34.579	13.408	32
ID47845	225	24.727	34.69	13.408	32
ID47787	225	32.724	33.728	13.827	33
ID47788	225	28.936	34.229	13.827	33
ID47900	225	35.265	33.609	14.246	34
ID47901	225	31.987	34.143	14.246	34
ID47727	225	37.936	33.44	14.665	35
ID47728	225	36.101	33.863	14.665	35
ID47945	225	39.866	33.379	15.084	36
ID47946	225	38.822	33.502	15.084	36
ID48043	225	42.44	33.241	15.503	37
ID47995	225	46.2	33.13	15.922	38
ID43953	227	37.327	31.839	0	0
ID43965	227	32.278	32.438	0	0
ID43967	227	39.245	32.514	0	0
ID43799	227	30.245	31.73	0.419	1
ID43802	227	37.423	31.852	0.419	1
ID43805	227	39.579	32.209	0.419	1
ID43808	227	32.524	32.229	0.419	1
ID43811	227	33.188	32.424	0.419	1
ID43818	227	30.861	32.71	0.419	1
ID44107	227	36.946	31.842	0.838	2
ID44110	227	40.081	31.916	0.838	2
ID44117	227	32.532	32.287	0.838	2
ID44119	227	35.239	32.377	0.838	2
ID44252	227	37.095	31.826	1.257	3
ID44257	227	40.376	31.967	1.257	3

ID44264	227	33.828	32.342	1.257	3
ID44266	227	35.68	32.365	1.257	3
ID44400	227	39.709	31.598	1.676	4
ID44406	227	40.78	32.076	1.676	4
ID44408	227	37.766	32.211	1.676	4
ID44416	227	35.375	32.54	1.676	4
ID44847	227	30.479	30.544	2.095	5
ID44854	227	41.308	31.42	2.095	5
ID44865	227	39.304	32.148	2.095	5
ID44870	227	41.261	32.364	2.095	5
ID44878	227	37.39	32.602	2.095	5
ID44544	227	44.758	30.424	2.514	6
ID44552	227	42.497	31.039	2.514	6
ID44557	227	40.385	31.698	2.514	6
ID44567	227	41.752	32.294	2.514	6
ID44568	227	38.998	32.325	2.514	6
ID44543	227	33.079	30.437	2.514	6
ID44704	227	43.782	30.771	2.933	7
ID44708	227	34.912	31.056	2.933	7
ID44727	227	40.307	32.393	2.933	7
ID44730	227	42.013	32.562	2.933	7
ID45317	227	42.674	30.391	3.352	8
ID45320	227	37.797	31.026	3.352	8
ID45322	227	44.782	31.037	3.352	8
ID45333	227	42.303	32.072	3.352	8
ID45346	227	42.203	32.775	3.352	8
ID45005	227	41.48	30.441	3.771	9
ID45007	227	45.777	30.88	3.771	9
ID45008	227	39.598	31.033	3.771	9
ID45019	227	43.877	31.593	3.771	9
ID45033	227	44.204	32.389	3.771	9
ID45470	227	41.152	30.18	4.19	10
ID45473	227	46.995	30.349	4.19	10
ID45478	227	41.278	30.869	4.19	10
ID45486	227	45.148	31.379	4.19	10
ID45501	227	45.857	32.353	4.19	10
ID45158	227	41.732	29.999	4.609	11
ID45160	227	48.199	30.361	4.609	11
ID45167	227	43.052	31.071	4.609	11
ID45169	227	46.237	31.294	4.609	11
ID45182	227	46.781	32.262	4.609	11
ID45779	227	49.842	30.287	5.028	12
ID45783	227	44.58	31.095	5.028	12
ID59352	227	45.101	29.806	5.028	12
ID45788	227	48.022	31.269	5.028	12
ID45800	227	48.36	32.172	5.028	12
ID45619	227	46.853	30.007	5.447	13
ID45625	227	51.06	30.386	5.447	13

ID45632	227	49.238	31.072	5.447	13
ID45635	227	46.307	31.253	5.447	13
ID45642	227	49.655	32.029	5.447	13
ID45920	227	48.46	29.994	5.866	14
ID45923	227	52.423	30.23	5.866	14
ID45927	227	50.406	30.939	5.866	14
ID45941	227	51.144	31.723	5.866	14
ID46054	227	50.624	29.947	6.285	15
ID46055	227	53.705	29.971	6.285	15
ID46059	227	52.123	30.724	6.285	15
ID46067	227	53.174	31.417	6.285	15
ID46308	227	52.781	30.022	6.704	16
ID46311	227	54.929	30.228	6.704	16
ID46314	227	53.757	30.781	6.704	16
ID46325	227	54.69	31.472	6.704	16
ID46184	227	56.683	30.239	7.123	17
ID46186	227	55.593	30.613	7.123	17
ID46193	227	56.646	31.362	7.123	17
ID46437	227	58.277	30.191	7.542	18
ID46441	227	57.152	30.659	7.542	18
ID46447	227	57.7	31.255	7.542	18
ID46566	227	59.873	30.073	7.961	19
ID46570	227	57.252	30.448	7.961	19
ID46574	227	58.629	30.931	7.961	19
ID46685	227	61.372	29.934	8.38	20
ID46692	227	59.062	30.597	8.38	20
ID46694	227	60.809	31.068	8.38	20
ID46895	227	63.358	29.835	8.799	21
ID46902	227	60.831	30.72	8.799	21
ID46904	227	62.623	30.981	8.799	21
ID46796	227	64.969	29.729	9.218	22
ID46803	227	63.857	30.846	9.218	22
ID47001	227	66.443	29.792	9.637	23
ID47010	227	65.893	30.878	9.637	23
ID47181	227	68.375	30.041	10.056	24
ID47184	227	67.153	30.541	10.056	24
ID47274	227	69.396	30.296	10.475	25
ID47099	227	71.278	30.168	10.894	26
ID47353	227	72.681	30.038	11.313	27
ID47439	227	73.394	30.006	11.732	28
ID47590	227	74.791	30.162	12.151	29
ID47513	227	76.09	30.032	12.57	30
ID47659	227	78.048	29.907	12.989	31
ID47837	227	79.304	29.846	13.408	32
ID47780	227	80.35	29.632	13.827	33
ID47892	227	81.006	29.43	14.246	34
ID47722	227	82.805	29.171	14.665	35
ID47941	227	84.386	29.013	15.084	36

ID48035	227	87.553	28.655	15.503	37
ID47988	227	87.849	28.829	15.922	38
ID44383	231	31.348	28.933	1.676	4
ID44834	231	31.416	28.991	2.095	5
ID44532	231	33.195	29.093	2.514	6
ID44697	231	34.481	30.076	2.933	7
ID45312	231	36.744	30.029	3.352	8
ID43912	232	32.433	28.273	0	0
ID43917	232	38.304	28.403	0	0
ID43927	232	32.647	29.088	0	0
ID43759	232	32.861	28.279	0.419	1
ID43761	232	38.117	28.424	0.419	1
ID43774	232	31.904	29.217	0.419	1
ID44066	232	32.125	28.357	0.838	2
ID44076	232	38.253	28.808	0.838	2
ID44081	232	30.532	29.178	0.838	2
ID44215	232	32.004	28.251	1.257	3
ID44216	232	39.088	28.278	1.257	3
ID44228	232	29.484	29.038	1.257	3
ID44229	232	36.975	29.049	1.257	3
ID44370	232	33.225	28.318	1.676	4
ID44375	232	39.226	28.609	1.676	4
ID44384	232	36.085	29.008	1.676	4
ID44385	232	28.724	29.073	1.676	4
ID44822	232	39.194	28.486	2.095	5
ID44827	232	34.429	28.745	2.095	5
ID44836	232	29.831	29.198	2.095	5
ID44517	232	39.12	28.322	2.514	6
ID44518	232	34.848	28.359	2.514	6
ID44534	232	30.84	29.136	2.514	6
ID44680	232	39.425	28.468	2.933	7
ID44681	232	35.317	28.517	2.933	7
ID44685	232	31.268	28.786	2.933	7
ID45295	232	39.455	28.426	3.352	8
ID45302	232	31.14	28.799	3.352	8
ID45304	232	34.366	28.897	3.352	8
ID44983	232	39.354	28.523	3.771	9
ID44989	232	31.602	28.713	3.771	9
ID44991	232	34.064	28.949	3.771	9
ID45445	232	39.162	28.514	4.19	10
ID45452	232	32.037	28.711	4.19	10
ID45459	232	33.42	29.119	4.19	10
ID45141	232	38.888	28.738	4.609	11
ID45144	232	33.549	28.864	4.609	11
ID45761	232	38.276	28.889	5.028	12
ID45763	232	33.524	28.986	5.028	12
ID45765	232	34.772	29.075	5.028	12
ID45599	232	35.742	28.221	5.447	13

ID45607	232	37.554	28.803	5.447	13
ID45613	232	32.949	29.257	5.447	13
ID45911	232	31.834	29.209	5.866	14
ID46048	232	30.502	29.168	6.285	15
ID46296	232	36.37	28.993	6.704	16
ID46301	232	29.7	29.278	6.704	16
ID46163	232	36.26	28.89	7.123	17
ID46174	232	29.174	29.326	7.123	17
ID46425	232	36.523	28.888	7.542	18
ID46431	232	30.575	29.379	7.542	18
ID46553	232	36.189	28.92	7.961	19
ID46559	232	31.374	29.454	7.961	19
ID46678	232	35.45	28.945	8.38	20
ID46680	232	32.127	29.176	8.38	20
ID46887	232	35.646	28.895	8.799	21
ID46890	232	33.576	29.077	8.799	21
ID46788	232	35.85	29.009	9.218	22
ID46996	232	37.073	29.079	9.637	23
ID47169	232	37.951	28.78	10.056	24
ID47260	232	39.222	28.783	10.475	25
ID47084	232	38.443	28.612	10.894	26
ID47349	232	38.731	29.667	11.313	27
ID47434	232	39.23	29.62	11.732	28
ID47585	232	40.546	29.644	12.151	29
ID47509	232	41.025	29.454	12.57	30
ID47656	232	42.25	29.068	12.989	31
ID47829	232	43.892	28.57	13.408	32
ID47768	232	44.794	28.404	13.827	33
ID47884	232	46.515	28.178	14.246	34
ID43984	234	26.99	33.887	0	0
ID43985	234	24.509	33.919	0	0
ID43828	234	26.66	33.771	0.419	1
ID43830	234	28.756	33.829	0.419	1
ID44132	234	30.621	33.477	0.838	2
ID44281	234	34.949	33.619	1.257	3
ID44434	234	37.02	33.688	1.676	4
ID44896	234	40.579	33.924	2.095	5
ID44594	234	43.785	34.16	2.514	6
ID44597	234	42.325	34.268	2.514	6
ID44745	234	43.326	34.356	2.933	7
ID45363	234	42.764	34.528	3.352	8
ID45052	234	41.799	34.408	3.771	9
ID45521	234	40.692	34.136	4.19	10
ID45207	234	40.24	34.199	4.609	11
ID45823	234	39.775	34.208	5.028	12
ID43970	235	25.637	32.661	0	0
ID43816	235	27.786	32.647	0.419	1
ID44120	235	29.364	32.5	0.838	2

ID44268	235	31.338	32.545	1.257	3
ID44418	235	33.346	32.605	1.676	4
ID44874	235	35.204	32.44	2.095	5
ID44566	235	37.433	32.262	2.514	6
ID44722	235	39.077	32.222	2.933	7
ID45337	235	40.771	32.268	3.352	8
ID43846	239	13.485	36.203	0.419	1
ID44150	239	15.465	36.019	0.838	2
ID44298	239	16.763	35.999	1.257	3
ID44448	239	18.969	35.718	1.676	4
ID44449	239	17.883	36.047	1.676	4
ID44445	239	18.427	35.059	1.676	4
ID44905	239	20.146	35.572	2.095	5
ID44602	239	21.446	34.75	2.514	6
ID44749	239	23.74	34.533	2.933	7
ID45362	239	25.88	34.418	3.352	8
ID45049	239	29.739	34.021	3.771	9
ID45516	239	32.149	33.795	4.19	10
ID45188	239	33.432	32.831	4.609	11
ID44425	240	23.573	33.027	1.676	4
ID44880	240	25.613	32.882	2.095	5
ID44574	240	26.966	32.572	2.514	6
ID44729	240	28.549	32.408	2.933	7
ID45331	240	29.737	31.815	3.352	8
ID45022	240	30.426	31.816	3.771	9
ID45494	240	32.545	31.804	4.19	10
ID45176	240	34.846	31.835	4.609	11
ID45795	240	37.042	31.876	5.028	12
ID45641	240	38.017	31.902	5.447	13
ID45940	240	39.627	31.719	5.866	14
ID46072	240	41.139	31.618	6.285	15
ID46327	240	42.906	31.602	6.704	16
ID46194	240	45.411	31.416	7.123	17
ID43951	242	21.805	31.466	0	0
ID43795	242	22.229	31.462	0.419	1
ID44105	242	23.121	31.769	0.838	2
ID44256	242	24.515	31.971	1.257	3
ID44402	242	25.891	31.842	1.676	4
ID44859	242	27.42	31.696	2.095	5
ID44555	242	29.056	31.537	2.514	6
ID44711	242	30.594	31.432	2.933	7
ID45328	242	32.542	31.489	3.352	8
ID45018	242	34.918	31.474	3.771	9
ID45485	242	37.314	31.36	4.19	10
ID44550	243	22.698	30.96	2.514	6
ID44707	243	24.273	30.994	2.933	7
ID45323	243	26.201	31.08	3.352	8
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ID45483	243	29.059	31.288	4.19	10
ID46424	247	25.747	28.813	7.542	18
ID46551	247	29.509	28.811	7.961	19
ID46672	247	30.002	28.697	8.38	20
ID46883	247	31.119	28.752	8.799	21
ID46782	247	32.642	28.817	9.218	22
ID46989	247	33.782	28.682	9.637	23
ID47167	247	35.071	28.684	10.056	24
ID47255	247	34.824	28.466	10.475	25
ID47257	247	36.397	28.664	10.475	25
ID47081	247	34.768	28.392	10.894	26
ID47339	247	35.903	28.685	11.313	27
ID47425	247	36.745	28.772	11.732	28
ID47577	247	37.1	28.843	12.151	29
ID47504	247	37.748	28.911	12.57	30
ID47654	247	37.922	28.908	12.989	31
ID47834	247	38.124	28.927	13.408	32
ID47775	247	37.746	28.809	13.827	33
ID47888	247	36.905	28.709	14.246	34
ID47718	247	36.271	28.606	14.665	35
ID47938	247	35.761	28.71	15.084	36
ID48036	247	35.536	28.742	15.503	37
ID47983	247	35.432	28.625	15.922	38
ID48085	247	35.031	28.621	16.341	39
ID48178	247	34.976	28.611	16.76	40
ID48129	247	34.358	28.583	17.179	41
ID48266	247	34.141	28.54	17.598	42
ID48219	247	33.54	28.578	18.017	43
ID48352	247	33.013	28.584	18.436	44
ID48308	247	32.184	28.532	18.855	45
ID48393	247	32.135	28.496	19.274	46
ID48435	247	31.678	28.559	19.693	47
ID48479	247	31.951	28.609	20.112	48
ID48518	247	32.338	28.633	20.531	49
ID47090	248	40.256	28.924	10.894	26
ID47342	248	42.655	28.863	11.313	27
ID47423	248	44.459	28.699	11.732	28
ID47581	248	46.501	28.949	12.151	29
ID47505	248	49.197	28.908	12.57	30
ID47651	248	50.481	28.737	12.989	31
ID47830	248	51.126	28.563	13.408	32
ID47770	248	52.133	28.51	13.827	33
ID47886	248	54.661	28.437	14.246	34
ID47714	248	56.949	28.228	14.665	35
ID47936	248	59.138	28.264	15.084	36
ID48031	248	61.652	28.134	15.503	37
ID47981	248	64.839	28.148	15.922	38
ID43978	249	54.278	33.279	0	0

ID43983	249	53.714	33.832	0	0
ID43826	249	55.358	33.459	0.419	1
ID44131	249	55.372	33.407	0.838	2
ID44133	249	56.937	33.467	0.838	2
ID44272	249	56.216	32.93	1.257	3
ID44280	249	53.698	33.565	1.257	3
ID44429	249	57.235	33.219	1.676	4
ID44432	249	53.782	33.534	1.676	4
ID44885	249	58.019	33.102	2.095	5
ID44893	249	54.67	33.74	2.095	5
ID44584	249	57.781	33.192	2.514	6
ID44588	249	56.553	33.544	2.514	6
ID44738	249	58.409	33.324	2.933	7
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ID45041	249	61.498	33.295	3.771	9
ID45508	249	63.398	32.926	4.19	10
ID45187	249	65.605	32.773	4.609	11
ID45809	249	66.64	32.846	5.028	12
ID45653	249	68.722	32.646	5.447	13
ID45948	249	70.194	32.619	5.866	14
ID46080	249	73.7	32.938	6.285	15
ID46081	249	72.489	32.972	6.285	15
ID46337	249	74.308	33.04	6.704	16
ID46338	249	75.743	33.142	6.704	16
ID46208	249	77.917	32.823	7.123	17
ID46205	249	76.459	32.521	7.123	17
ID46458	249	77.953	32.27	7.542	18
ID46461	249	79.346	32.719	7.542	18
ID46463	249	78.31	32.949	7.542	18
ID46582	249	79.858	31.966	7.961	19
ID46585	249	80.865	32.47	7.961	19
ID46586	249	78.572	32.564	7.961	19
ID46704	249	81.885	32.104	8.38	20
ID46706	249	78.18	32.373	8.38	20
ID46707	249	83.545	32.355	8.38	20
ID46916	249	85.632	32.282	8.799	21
ID46917	249	77.001	32.372	8.799	21
ID46911	249	84.208	31.815	8.799	21
ID46807	249	85.683	31.855	9.218	22
ID47019	249	87.849	31.962	9.637	23
ID43971	251	56.659	32.92	0	0
ID43972	251	59.368	32.939	0	0
ID43952	251	54.038	31.802	0	0
ID43961	251	49.578	32.241	0	0
ID43801	251	55.066	31.812	0.419	1
ID43804	251	51.841	32.114	0.419	1
ID43821	251	58.293	32.867	0.419	1
ID43822	251	60.489	33.022	0.419	1

ID44102	251	57.264	31.686	0.838	2
ID44103	251	53.754	31.733	0.838	2
ID44127	251	58.022	33.102	0.838	2
ID44128	251	59.398	33.136	0.838	2
ID44253	251	55.668	31.808	1.257	3
ID44254	251	58.216	31.81	1.257	3
ID44277	251	58.854	33.301	1.257	3
ID44431	251	59.808	33.383	1.676	4
ID44398	251	58.796	31.489	1.676	4
ID44401	251	57.509	31.577	1.676	4
ID44879	251	60.608	32.705	2.095	5
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ID44857	251	59.579	31.612	2.095	5
ID44556	251	61.282	31.532	2.514	6
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ID44715	251	63.14	31.7	2.933	7
ID45343	251	64.474	32.577	3.352	8
ID45038	251	66.263	32.61	3.771	9
ID45502	251	67.924	32.454	4.19	10
ID45178	251	70.434	32.007	4.609	11
ID43963	252	42.952	32.339	0	0
ID43806	252	44.604	32.206	0.419	1
ID44113	252	46.061	32.043	0.838	2
ID44262	252	47.582	32.146	1.257	3
ID44413	252	49.748	32.406	1.676	4
ID44875	252	51.831	32.464	2.095	5
ID44861	252	50.934	31.893	2.095	5
ID44560	252	51.742	31.868	2.514	6
ID44724	252	53.158	32.299	2.933	7
ID45340	252	54.73	32.428	3.352	8
ID45027	252	56.674	32.078	3.771	9
ID45496	252	58.581	31.904	4.19	10
ID45177	252	60.347	31.91	4.609	11
ID45794	252	61.235	31.762	5.028	12
ID45640	252	61.539	31.744	5.447	13
ID43954	253	41.397	31.852	0	0
ID43797	253	42.623	31.604	0.419	1
ID44100	253	43.059	31.265	0.838	2
ID44249	253	44.523	31.422	1.257	3
ID43814	254	40.908	32.523	0.419	1
ID44121	254	42.451	32.487	0.838	2
ID44270	254	42.994	32.592	1.257	3
ID44411	254	44.034	32.385	1.676	4
ID44869	254	44.289	32.306	2.095	5
ID44575	254	44.365	32.537	2.514	6
ID44842	255	48.394	29.945	2.095	5
ID44538	255	50.004	29.818	2.514	6
ID44691	255	52.098	29.668	2.933	7

ID45310	255	54.168	29.877	3.352	8
ID44996	255	53.593	29.65	3.771	9
ID45000	255	54.704	29.781	3.771	9
ID45466	255	55.039	29.668	4.19	10
ID45156	255	55.858	29.887	4.609	11
ID45775	255	56.24	30.057	5.028	12
ID43988	256	44.057	34.013	0	0
ID43829	256	43.669	33.781	0.419	1
ID44140	256	44.379	33.909	0.838	2
ID44286	256	45.402	34.021	1.257	3
ID44440	256	44.261	34.254	1.676	4
ID44903	256	45.241	34.41	2.095	5
ID44598	256	46.085	34.313	2.514	6
ID44746	256	47.085	34.42	2.933	7
ID43834	258	45.481	33.916	0.419	1
ID44137	258	46.169	33.729	0.838	2
ID44283	258	47.739	33.789	1.257	3
ID44437	258	47.449	33.869	1.676	4
ID43929	260	27.997	29.183	0	0
ID43935	260	27.158	30.05	0	0
ID43777	260	28.514	29.548	0.419	1
ID43785	260	26.486	30.322	0.419	1
ID44084	260	28.453	29.741	0.838	2
ID44092	260	25.911	30.161	0.838	2
ID44238	260	27.641	29.909	1.257	3
ID43930	261	61.771	29.486	0	0
ID43778	261	62.097	29.558	0.419	1
ID44083	261	62.103	29.607	0.838	2
ID44233	261	62.631	29.666	1.257	3
ID44247	261	63.613	31.067	1.257	3
ID44389	261	63.27	29.98	1.676	4
ID44395	261	64.599	30.962	1.676	4
ID44843	261	64.212	30.141	2.095	5
ID44851	261	65.206	30.985	2.095	5
ID44549	261	65.247	30.939	2.514	6
ID44542	261	64.631	30.152	2.514	6
ID44693	261	65.54	29.862	2.933	7
ID44706	261	65.703	30.913	2.933	7
ID45318	261	66.598	30.628	3.352	8
ID45309	261	65.636	29.726	3.352	8
ID44995	261	66.261	29.603	3.771	9
ID45004	261	67.108	30.275	3.771	9
ID45465	261	68.004	29.621	4.19	10
ID45155	261	69.133	29.799	4.609	11
ID45774	261	70.073	29.817	5.028	12
ID45617	261	70.832	29.846	5.447	13
ID45918	261	70.671	29.879	5.866	14
ID46056	261	71.313	30.053	6.285	15

ID46309	261	71.939	30.08	6.704	16
ID46181	261	72.47	30.077	7.123	17
ID43939	262	69.698	30.5	0	0
ID43950	262	68.551	31.417	0	0
ID43786	262	69.148	30.389	0.419	1
ID44091	262	68.732	30.052	0.838	2
ID44239	262	68.811	30.031	1.257	3
ID44218	262	68.961	28.394	1.257	3
ID44371	262	69.498	28.434	1.676	4
ID44391	262	68.9	30.273	1.676	4
ID44809	262	71.846	27.156	2.095	5
ID44823	262	69.806	28.513	2.095	5
ID44845	262	70.898	30.335	2.095	5
ID44846	262	68.847	30.42	2.095	5
ID44545	262	70.315	30.455	2.514	6
ID44503	262	72.2	27.117	2.514	6
ID44525	262	69.743	28.603	2.514	6
ID44672	262	71.733	27.908	2.933	7
ID44682	262	69.844	28.552	2.933	7
ID44700	262	69.667	30.199	2.933	7
ID45315	262	70.673	30.085	3.352	8
ID45289	262	71.475	27.98	3.352	8
ID45300	262	69.892	28.741	3.352	8
ID44999	262	71.577	29.702	3.771	9
ID44974	262	70.661	27.942	3.771	9
ID44984	262	70.061	28.519	3.771	9
ID45443	262	70.376	28.251	4.19	10
ID45453	262	69.326	28.702	4.19	10
ID45464	262	71.708	29.544	4.19	10
ID45131	262	70.521	28.061	4.609	11
ID45152	262	71.981	29.397	4.609	11
ID60075	262	70.499	28.776	4.609	11
ID45750	262	71.182	27.951	5.028	12
ID45757	262	71.904	28.664	5.028	12
ID45605	262	72.413	28.404	5.447	13
ID45614	262	72.994	29.418	5.447	13
ID45904	262	72.91	28.48	5.866	14
ID45912	262	73.321	29.226	5.866	14
ID46044	262	73.13	28.523	6.285	15
ID43955	263	67.524	31.887	0	0
ID43807	263	67.68	32.17	0.419	1
ID43974	264	70.437	32.962	0	0
ID43946	264	70.696	31.288	0	0
ID43800	264	71.421	31.713	0.419	1
ID43820	264	71.002	32.733	0.419	1
ID44111	264	71.206	31.941	0.838	2
ID44258	264	71.226	31.963	1.257	3
ID44403	264	71.256	31.827	1.676	4

ID43976	265	72.527	33.079	0	0
ID43966	265	60.39	32.483	0	0
ID43812	265	61.641	32.428	0.419	1
ID43823	265	73.401	33.181	0.419	1
ID44118	265	63.105	32.348	0.838	2
ID44126	265	73.893	32.983	0.838	2
ID44267	265	65.334	32.458	1.257	3
ID44274	265	74.657	33.004	1.257	3
ID44275	265	64.033	33.164	1.257	3
ID44423	265	75.971	32.81	1.676	4
ID44426	265	63.748	33.112	1.676	4
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ID44868	265	70.087	32.249	2.095	5
ID44882	265	75.862	32.908	2.095	5
ID44884	265	65.981	32.998	2.095	5
ID44558	265	72.43	31.722	2.514	6
ID44579	265	76.873	32.743	2.514	6
ID44712	265	74.827	31.433	2.933	7
ID44714	265	74.012	31.581	2.933	7
ID44721	265	76.072	32.134	2.933	7
ID45326	265	75.691	31.26	3.352	8
ID45015	265	76.79	31.216	3.771	9
ID45035	265	77.3	32.353	3.771	9
ID45479	265	77.8	30.887	4.19	10
ID45498	265	78.344	32.186	4.19	10
ID43938	268	73.33	30.465	0	0
ID43940	268	74.837	30.726	0	0
ID43787	268	73.264	30.539	0.419	1
ID43790	268	74.865	30.714	0.419	1
ID44096	268	74.777	30.68	0.838	2
ID44094	268	72.736	30.576	0.838	2
ID44241	268	73.206	30.643	1.257	3
ID44243	268	74.893	30.674	1.257	3
ID44392	268	73.587	30.658	1.676	4
ID44393	268	74.755	30.709	1.676	4
ID44848	268	74.906	30.666	2.095	5
ID44849	268	73.794	30.757	2.095	5
ID44546	268	74.049	30.477	2.514	6
ID44547	268	74.842	30.658	2.514	6
ID44703	268	74.743	30.664	2.933	7
ID45319	268	74.912	30.678	3.352	8
ID45006	268	74.833	30.72	3.771	9
ID45474	268	75.868	30.453	4.19	10
ID45166	268	77.383	31.011	4.609	11
ID45784	268	78.871	31.132	5.028	12
ID43863	271	45.419	20.37	0	0
ID43889	271	82.227	26.179	0	0
ID43891	271	79.13	26.39	0	0

ID43899	271	75.624	27.046	0	0
ID43708	271	45.786	20.54	0.419	1
ID43721	271	86.271	25.345	0.419	1
ID43732	271	81.603	26.171	0.419	1
ID43734	271	78.613	26.315	0.419	1
ID43744	271	75.635	27.041	0.419	1
ID44038	271	85.405	25.814	0.838	2
ID44040	271	80.747	26.128	0.838	2
ID44043	271	78.404	26.245	0.838	2
ID44048	271	75.866	26.679	0.838	2
ID44013	271	45.797	20.614	0.838	2
ID44167	271	45.872	20.575	1.257	3
ID44186	271	84.916	25.636	1.257	3
ID44192	271	78.338	26.263	1.257	3
ID44193	271	80.166	26.24	1.257	3
ID44200	271	77.167	26.68	1.257	3
ID44201	271	75.766	26.73	1.257	3
ID44314	271	45.92	20.617	1.676	4
ID44321	271	55.364	23.712	1.676	4
ID44338	271	84.202	25.781	1.676	4
ID44341	271	80.353	26.257	1.676	4
ID44343	271	78.319	26.267	1.676	4
ID44353	271	76.704	26.755	1.676	4
ID44354	271	76.017	26.935	1.676	4
ID44810	271	76.744	27.149	2.095	5
ID44773	271	46.481	20.652	2.095	5
ID44781	271	54.984	23.491	2.095	5
ID44795	271	83.803	25.781	2.095	5
ID44797	271	78.328	26.284	2.095	5
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ID44466	271	47.389	20.979	2.514	6
ID44473	271	54.512	23.224	2.514	6
ID44487	271	83.048	25.685	2.514	6
ID44491	271	78.199	26.168	2.514	6
ID44494	271	79.893	26.35	2.514	6
ID44500	271	76.194	26.832	2.514	6
ID44504	271	77.866	27.157	2.514	6
ID44625	271	48.089	21.309	2.933	7
ID44631	271	54.816	23.124	2.933	7
ID44643	271	81.558	25.56	2.933	7
ID44647	271	78.133	25.931	2.933	7
ID44650	271	80.025	26.15	2.933	7
ID44661	271	79.298	27.038	2.933	7
ID44662	271	76.743	27.109	2.933	7
ID45238	271	48.632	21.293	3.352	8
ID45244	271	54.912	22.541	3.352	8
ID45262	271	81.218	25.517	3.352	8
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ID45275	271	76.681	26.785	3.352	8
ID44928	271	50.003	21.623	3.771	9
ID44932	271	56.489	22.999	3.771	9
ID44947	271	80.61	25.336	3.771	9
ID44952	271	78.417	25.885	3.771	9
ID44961	271	77.54	26.819	3.771	9
ID45392	271	50.915	21.74	4.19	10
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ID45415	271	78.312	25.658	4.19	10
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ID45081	271	51.522	22.152	4.609	11
ID45087	271	59.106	23.335	4.609	11
ID45105	271	79.186	25.288	4.609	11
ID45111	271	78.055	26.174	4.609	11
ID45699	271	53.03	22.588	5.028	12
ID45703	271	59.127	23.385	5.028	12
ID45720	271	77.921	25.184	5.028	12
ID45729	271	78.779	26.307	5.028	12
ID45577	271	79.196	26.236	5.447	13
ID45554	271	55.214	23.317	5.447	13
ID45555	271	59.976	23.783	5.447	13
ID45564	271	77.13	25.061	5.447	13
ID45855	271	56.478	23.628	5.866	14
ID45857	271	60.41	23.947	5.866	14
ID45865	271	76.133	24.976	5.866	14
ID45877	271	78.936	25.921	5.866	14
ID45997	271	57.666	23.917	6.285	15
ID46000	271	60.283	24.425	6.285	15
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ID46018	271	79.491	26.213	6.285	15
ID46248	271	57.568	23.641	6.704	16
ID46251	271	60.637	23.974	6.704	16
ID46256	271	74.56	24.764	6.704	16
ID46271	271	79.393	26.495	6.704	16
ID46124	271	60.25	23.741	7.123	17
ID46125	271	58.58	23.918	7.123	17
ID46131	271	73.932	24.623	7.123	17
ID46145	271	80.085	26.592	7.123	17
ID46381	271	60.045	24.038	7.542	18
ID46382	271	73.651	24.24	7.542	18
ID46383	271	62.159	24.279	7.542	18
ID46402	271	80.718	26.879	7.542	18
ID46504	271	73.305	23.624	7.961	19
ID46506	271	63.216	24.244	7.961	19
ID46507	271	61.441	24.325	7.961	19
ID46527	271	81.097	26.911	7.961	19
ID46627	271	73.178	23.619	8.38	20

ID46629	271	63.498	24.173	8.38	20
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ID46652	271	81.748	26.872	8.38	20
ID46848	271	73.081	23.755	8.799	21
ID46849	271	64.038	24.429	8.799	21
ID46850	271	65.27	24.448	8.799	21
ID46867	271	82.305	27.137	8.799	21
ID46748	271	73.062	23.646	9.218	22
ID46751	271	65.215	24.493	9.218	22
ID46766	271	83.299	27.202	9.218	22
ID46960	271	73.361	23.589	9.637	23
ID46964	271	65.805	24.471	9.637	23
ID46965	271	66.41	25.044	9.637	23
ID46977	271	84.397	27.196	9.637	23
ID47137	271	73.843	23.862	10.056	24
ID47140	271	65.765	24.592	10.056	24
ID47144	271	67.605	25.485	10.056	24
ID47154	271	85.79	27.239	10.056	24
ID47225	271	74.341	24.111	10.475	25
ID47228	271	66.554	24.749	10.475	25
ID47242	271	87.17	27.285	10.475	25
ID47052	271	74.443	24.049	10.894	26
ID47056	271	67.475	25.13	10.894	26
ID47076	271	87.849	27.649	10.894	26
ID47310	271	74.381	23.944	11.313	27
ID47313	271	68.135	25.315	11.313	27
ID47388	271	74.59	24	11.732	28
ID47392	271	68.895	25.262	11.732	28
ID47547	271	75.02	24.243	12.151	29
ID47549	271	69.281	25.299	12.151	29
ID47476	271	76.261	24.748	12.57	30
ID47478	271	69.869	25.407	12.57	30
ID47620	271	77.168	25.323	12.989	31
ID47623	271	70.792	25.563	12.989	31
ID47807	271	72.595	25.642	13.408	32
ID47809	271	77.565	25.885	13.409	32
ID47748	271	74.133	25.731	13.827	33
ID47750	271	78.27	25.868	13.827	33
ID47863	271	78.349	25.835	14.246	34
ID47864	271	75.769	25.903	14.246	34
ID47692	271	78.587	25.754	14.665	35
ID47693	271	77.535	25.904	14.665	35
ID47920	271	79.393	25.76	15.084	36
ID48016	271	80.819	25.472	15.503	37
ID47968	271	81.876	25.581	15.922	38
ID48065	271	83.494	25.755	16.341	39
ID48160	271	85.386	25.754	16.76	40
ID48114	271	86.864	25.761	17.179	41

ID48251	271	87.418	25.942	17.598	42
ID43884	272	84.096	25.92	0	0
ID43731	272	83.692	25.932	0.419	1
ID43725	272	83.1	25.653	0.419	1
ID44028	272	82.535	25.279	0.838	2
ID44185	272	81.811	25.621	1.257	3
ID44333	272	81.369	25.505	1.676	4
ID44804	272	81.777	26.645	2.095	5
ID44794	272	81.013	25.699	2.095	5
ID44486	272	80.988	25.719	2.514	6
ID44855	273	47.686	31.504	2.095	5
ID44554	273	48.689	31.447	2.514	6
ID44718	273	51.072	32.019	2.933	7
ID45335	273	52.093	32.112	3.352	8
ID45017	273	52.345	31.39	3.771	9
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ID45179	273	56.59	32.071	4.609	11
ID44278	274	46.005	33.392	1.257	3
ID44430	274	46.51	33.342	1.676	4
ID44265	275	45.414	32.316	1.257	3
ID44419	275	45.247	32.656	1.676	4
ID44876	275	45.524	32.566	2.095	5
ID44571	275	45.656	32.452	2.514	6
ID44728	275	45.738	32.485	2.933	7
ID45344	275	44.868	32.693	3.352	8
ID43896	276	56.969	26.893	0	0
ID43900	276	58.393	27.086	0	0
ID43739	276	57.088	26.682	0.419	1
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ID44046	276	57.759	26.652	0.838	2
ID44202	276	58.254	26.793	1.257	3
ID44349	276	58.137	26.562	1.676	4
ID44803	276	58.194	26.632	2.095	5
ID44495	276	58.272	26.463	2.514	6
ID44656	276	58.935	26.72	2.933	7
ID45276	276	59.837	26.837	3.352	8
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ID45428	276	59.734	26.962	4.19	10
ID45120	276	59.777	27.18	4.609	11
ID45741	276	59.8	27.347	5.028	12
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ID45766	276	53.591	29.096	5.028	12
ID45591	276	59.794	27.424	5.447	13
ID45600	276	55.886	28.254	5.447	13
ID45888	276	60.26	27.296	5.866	14
ID45889	276	61.313	27.304	5.866	14

ID45893	276	58.648	27.575	5.866	14
ID45908	276	56.888	28.884	5.866	14
ID46029	276	60.852	27.355	6.285	15
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ID46280	276	62.838	27.532	6.704	16
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ID46152	276	63.422	27.522	7.123	17
ID46171	276	60.311	29.081	7.123	17
ID46173	276	61.694	29.302	7.123	17
ID46407	276	63.414	27.543	7.542	18
ID46533	276	63.958	27.676	7.961	19
ID46659	276	64.432	27.629	8.38	20
ID46872	276	64.79	27.499	8.799	21
ID46771	276	64.709	27.454	9.218	22
ID46979	276	64.404	27.449	9.637	23
ID47157	276	64.753	27.587	10.056	24
ID47243	276	65.211	27.471	10.475	25
ID47073	276	65.515	27.492	10.894	26
ID47325	276	65.567	27.348	11.313	27
ID47408	276	65.6	27.461	11.732	28
ID47564	276	66.128	27.35	12.151	29
ID47494	276	67.278	27.409	12.57	30
ID47639	276	68.403	27.459	12.989	31
ID47822	276	69.138	27.48	13.408	32
ID47762	276	69.845	27.377	13.827	33
ID47874	276	70.321	27.185	14.246	34
ID47704	276	71.16	26.964	14.665	35
ID47928	276	71.906	27.021	15.084	36
ID48022	276	72.893	27.061	15.503	37
ID47973	276	73.554	27.116	15.922	38
ID48073	276	73.952	27.118	16.341	39
ID48168	276	74.226	27.253	16.76	40
ID48119	276	74.732	27.382	17.179	41
ID48257	276	75.248	27.497	17.598	42
ID48213	276	75.943	27.721	18.017	43
ID48347	276	76.43	27.857	18.436	44
ID48302	276	76.757	27.792	18.855	45
ID48388	276	77.002	27.772	19.274	46
ID48430	276	77.392	27.689	19.693	47
ID48472	276	77.793	27.696	20.112	48
ID48511	276	78.193	27.797	20.531	49
ID44785	277	66.141	24.889	2.095	5
ID44484	277	66.909	25.527	2.514	6
ID44642	277	66.879	25.368	2.933	7
ID45255	277	67.186	25.161	3.352	8
ID44945	277	67.757	25.202	3.771	9
ID45410	277	67.567	25.193	4.19	10

ID45104	277	67.543	25.234	4.609	11
ID45398	278	70.262	24.302	4.19	10
ID45090	278	69.112	24.162	4.609	11
ID45708	278	68.778	24.308	5.028	12
ID45558	278	68.225	24.271	5.447	13
ID45860	278	68.012	24.282	5.866	14
ID45999	278	67.733	24.273	6.285	15

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**Table S6. Summary of data regarding tracks linking annotated spots seen in Movie S4.**

Track Index	Number of Spots	Number of Splits	Number of Gaps	Track Duration	Track Start	Track Stop	Track Displacement	Track mean speed	Track Max Speed	Track Min Speed	Track Median Speed	Track STD Speed
0	13	0	1	3.771	0	3.771	21.38	5.907	8.868	1.776	6.286	1.837
1	10	0	0	3.771	2.514	6.285	6.231	2.05	3.097	0.696	2.326	0.944
2	16	0	0	6.285	5.866	12.15	48.81	7.772	11.87	3.888	8.157	1.967
3	18	0	0	7.123	0	7.123	2.051	2.126	5.676	0.136	1.928	1.37
4	20	0	0	7.961	5.447	13.41	30.18	3.798	5.84	1.479	3.599	1.449
5	6	0	0	2.095	0	2.095	5.154	2.485	3.463	1.418	2.613	0.787
6	9	0	0	3.352	3.352	6.704	17.55	5.264	6.997	2.209	5.91	1.488
7	6	0	0	2.095	0	2.095	6.526	3.116	4.579	2.062	2.961	0.915
8	8	0	0	2.933	2.514	5.447	1.938	2.015	3.2	0.771	1.988	0.969
9	21	0	0	8.38	3.352	11.73	44.97	5.411	9.095	1.051	5.001	2.338
10	5	0	0	1.676	18.86	20.53	11.27	6.736	7.827	5.955	7.174	0.922
11	8	0	0	2.933	10.06	12.99	9.039	3.15	6.246	0.437	2.486	2.048
12	45	0	4	10.06	0	10.06	0.199	2.126	6.181	0.143	1.94	1.408
13	10	0	0	3.771	4.609	8.38	2.653	1.595	2.883	0.518	1.425	0.797
14	7	0	0	2.514	0	2.514	11.8	4.704	7.9	1.467	4.664	2.215
15	4	0	0	1.257	0.419	1.676	7.086	5.638	6.837	4.256	5.82	1.3
16	17	1	1	6.704	8.38	15.08	18.94	2.88	5.011	1.192	2.664	0.957
17	25	1	0	6.285	14.25	20.53	19.48	3.904	6.49	0.179	4.677	1.887
18	25	0	0	10.06	0	10.06	50.48	5.056	7.783	3.118	4.592	1.376
19	8	0	0	2.933	11.73	14.67	24.65	8.418	10.87	5.529	7.983	1.852
20	37	0	0	12.15	0	12.15	23.81	2.201	8.49	0.36	1.802	1.671
21	25	1	2	5.866	0	5.866	4.765	1.677	5.936	0.274	1.407	1.175
22	52	0	3	9.218	0	9.218	4.599	1.59	5.045	0.211	1.122	1.187
23	63	0	2	14.67	0	14.67	12.74	1.318	3.797	0.215	1.164	0.889
24	5	0	0	1.676	14.25	15.92	7.047	4.214	5.405	3.202	4.285	0.915
25	8	0	0	2.933	17.6	20.53	20.97	7.158	9.269	3.817	7.414	2.088
26	9	0	0	3.352	7.542	10.89	23.33	6.966	9.295	4.783	7.667	1.582
27	30	0	0	12.15	4.609	16.76	28.15	2.489	5.133	0.392	2.58	1.439
28	5	0	0	1.676	6.285	7.961	11.04	6.593	7.653	5.076	7.384	1.178
29	16	0	0	6.285	1.676	7.961	25.54	4.178	9.762	0.348	4.371	3.147
30	5	0	0	1.676	0	1.676	9.109	5.452	7.791	4.083	5.13	1.62
31	6	0	0	2.095	2.095	4.19	8.399	4.027	5.934	1.477	3.556	1.819
32	6	0	0	2.095	0	2.095	8.388	4.016	4.344	3.624	4.056	0.292
33	23	0	0	9.218	4.19	13.41	40.82	4.446	7.506	1.268	4.799	1.592
34	7	0	0	2.514	2.933	5.447	18.37	7.361	15.46	5.441	5.859	3.975
35	13	0	0	5.028	10.06	15.08	23.99	4.871	8.831	0.409	6	2.963
36	15	1	0	3.352	1.257	4.609	2.485	1.672	2.803	0.469	1.76	0.735
37	15	0	0	5.866	14.67	20.53	5.752	0.998	4.331	0.102	0.443	1.437
38	8	0	0	2.933	0	2.933	9.827	3.356	5.156	1.79	2.782	1.306
39	25	0	1	8.799	2.933	11.73	25.6	3.524	7.308	0.357	4.091	2.19
40	7	0	0	2.514	12.15	14.67	8.04	3.248	4.055	2.724	3.293	0.515
41	34	0	2	7.542	4.609	12.15	43.51	4.107	9.247	0.355	4.343	2.346
42	2	0	0	0.419	0.419	0.838	0.094	0.223	0.223	0.223	0.223	NaN

Track Index	Number of Spots	Number of Splits	Number of Gaps	Track Duration	Track Start	Track Stop	Track Displacement	Track mean speed	Track Max Speed	Track Min Speed	Track Median Speed	Track STD Speed
43	12	0	0	4.609	0	4.609	17.19	3.76	6.562	2.013	3.235	1.37
44	23	0	1	7.961	0	7.961	34.08	4.661	11.39	0.743	4.738	2.794
45	12	0	0	4.609	7.542	12.15	17.02	3.728	5.389	2.347	3.839	0.896
46	13	0	0	5.028	9.218	14.25	35.01	6.968	9.395	5.213	6.941	1.373
47	62	3	1	12.99	0	12.99	23.37	2.625	9.381	0.083	2.174	1.827
48	8	0	0	2.933	5.866	8.799	9.151	3.151	5.588	1.08	3.153	1.349
49	15	0	0	5.866	14.67	20.53	39.57	6.755	10.25	2.854	7.655	2.117
50	10	1	1	3.352	15.5	18.86	21.67	6.633	9.321	4.637	6.675	1.452
51	17	0	0	6.704	12.99	19.69	31.19	4.666	7.705	1.583	4.837	2.214
52	20	1	0	7.123	2.933	10.06	8.782	1.912	6.633	0.175	1.753	1.594
53	4	0	0	1.257	6.285	7.542	1.13	0.981	1.646	0.576	0.72	0.58
54	16	0	0	6.704	0	6.704	10.33	1.666	3.221	0.101	1.773	0.894
55	4	0	0	1.257	2.095	3.352	5.28	4.209	5.849	3.294	3.484	1.423
56	6	0	0	2.095	2.933	5.028	10.66	5.096	7.251	3.334	5.449	1.659
57	3	0	0	0.838	0	0.838	3.169	3.784	5.102	2.467	5.102	1.863
58	17	0	0	6.704	0	6.704	14.32	2.199	4.9	0.244	2.263	1.351
59	16	1	0	5.866	0	5.866	3.511	2.867	6.376	0.827	2.937	1.356
60	27	0	0	10.89	0	10.89	18.1	2.116	6.927	0.437	2.034	1.391
61	31	1	1	5.028	0	5.028	7.773	1.901	5.789	0.138	1.401	1.389
62	5	0	0	1.676	0	1.676	1.335	1.99	2.406	1.458	2.264	0.43
63	23	1	1	8.799	0	8.799	9.697	1.746	3.158	0.109	1.903	0.921
64	20	1	0	7.123	0	7.123	0.272	1.064	2.746	0.269	0.714	0.822
65	68	0	3	12.99	0	12.99	9.115	1.585	4.104	0.108	1.516	0.808
66	21	0	0	8.38	0.838	9.218	4.335	1.81	4.796	0.318	1.856	1.052
67	10	0	0	3.771	7.961	11.73	10.46	2.813	4.771	0.055	2.716	1.741
68	11	0	0	4.19	10.89	15.08	3.595	0.977	3.607	0.098	0.878	0.994
69	11	1	0	2.095	0	2.095	5.316	1.665	4.955	0.189	1.007	1.666
70	3	0	0	0.838	0.838	1.676	2.744	3.275	3.42	3.129	3.42	0.206
71	3	0	0	0.838	0	0.838	2.232	3.331	5.887	0.774	5.887	3.615
72	4	0	0	1.257	0	1.257	3.646	2.913	4.181	1.38	3.179	1.419
73	3	0	0	0.838	2.514	3.352	3.703	4.592	4.664	4.52	4.664	0.101
74	24	0	2	6.285	0	6.285	27.81	3.584	6.536	0.674	3.371	1.986
75	16	1	2	4.19	5.447	9.637	4.032	1.634	4.809	0.237	1.384	1.191
76	3	0	0	0.838	7.542	8.38	3.879	4.63	5.532	3.728	5.532	1.276
77	9	0	0	3.352	7.123	10.48	9.257	3.308	6.092	0.482	4.658	2.252
78	2	0	0	0.419	4.19	4.609	0.526	1.255	1.255	1.255	1.255	NaN
79	4	0	0	1.257	7.542	8.799	4.523	3.616	5.063	2.1	3.685	1.483
80	39	1	2	8.38	3.352	11.73	9.055	3.014	8.654	0.371	1.978	2.27
81	28	0	1	7.123	4.609	11.73	8.652	1.702	5.116	0.32	1.26	1.329
82	23	1	1	7.961	2.514	10.48	15.43	2.172	5.215	0.314	1.852	1.181
83	10	0	0	3.771	2.933	6.704	13.01	3.462	6.044	1.884	3.19	1.33
84	10	0	0	3.771	3.771	7.542	12.3	3.299	6.57	0.284	4.038	2.065
85	6	0	0	2.095	7.542	9.637	1.538	0.843	1.821	0.123	0.342	0.826
86	6	1	1	1.676	0	1.676	0.69	1.632	3.137	0.671	1.463	1.159
87	12	1	0	4.19	2.933	7.123	2.036	1.814	2.829	0.667	1.794	0.653
88	11	0	0	4.19	5.028	9.218	4.747	1.339	2.195	0.577	1.318	0.552

Track Index	Number of Spots	Number of Splits	Number of Gaps	Track Duration	Track Start	Track Stop	Track Displacement	Track mean speed	Track Max Speed	Track Min Speed	Track Median Speed	Track STD Speed
89	7	0	0	2.514	8.38	10.89	0.73	2.516	4.496	0.535	2.932	1.551
90	4	0	0	1.257	10.06	11.31	1.866	1.499	1.849	0.961	1.688	0.473
91	21	0	1	5.447	12.15	17.6	15.37	3.617	7.731	0.148	3.723	2.086
92	5	1	0	1.257	11.73	12.99	6.855	5.248	6.511	4.598	5.038	0.861
93	5	0	0	1.676	2.514	4.19	2.189	1.467	2.65	0.389	2.136	1.097
94	16	0	0	6.285	0.419	6.704	8.232	1.379	2.646	0.424	1.22	0.666
95	9	0	0	3.352	7.542	10.89	2.97	1.181	2.544	0.354	1.125	0.856
96	7	0	1	2.095	6.285	8.38	4.865	2.094	3.909	0.828	1.707	1.105
97	23	0	1	5.866	1.257	7.123	1.691	1.065	2.845	0.108	0.934	0.779
98	8	0	0	2.933	5.028	7.961	5.97	2.077	3.383	1.028	2.371	0.977
99	11	0	0	4.19	0.419	4.609	1.307	1.023	1.682	0.174	1.208	0.52
100	91	2	3	13.83	0	13.83	26.31	1.7	4.861	0.068	1.35	1.167
101	35	2	3	8.799	2.095	10.89	36.47	4.781	9.224	0.562	4.966	2.034
102	6	0	0	2.095	14.67	16.76	4.294	2.067	3.417	1.246	1.946	0.817
103	15	0	1	4.19	16.34	20.53	8.049	2.478	7.682	0.874	2.047	1.949
104	7	0	0	2.515	16.76	19.28	6.132	2.53	3.767	1.199	2.756	0.918
105	10	0	0	3.771	16.76	20.53	5.432	1.444	2.356	0.423	1.329	0.593
106	23	1	1	4.19	15.5	19.69	9.157	2.543	4.211	0.5	2.773	1.177
107	7	0	0	2.514	14.25	16.76	8.289	3.321	4.608	2.47	3.39	0.726
108	10	1	1	3.352	0	3.352	2.264	1.383	2.239	0.14	1.646	0.752
109	7	0	1	1.257	0	1.257	0.554	2.256	3.908	0.31	2.734	1.351
110	15	1	1	5.447	1.257	6.704	10.55	2.382	3.939	0.942	2.244	0.962
111	3	0	0	0.837	10.48	11.31	4.663	5.568	8.221	2.915	8.221	3.752
112	15	1	2	3.771	12.15	15.92	30.98	7.76	10.77	4.608	8.393	1.88
113	113	1	6	15.92	0	15.92	50.61	3.488	9.81	0.14	3.628	1.666
114	5	0	0	1.676	1.676	3.352	5.506	3.433	5.403	0.213	4.253	2.244
115	70	1	2	14.25	0	14.25	14.08	1.866	5.43	0.124	1.767	1.185
116	16	0	2	5.028	0	5.028	12.79	4.243	10.33	1.09	4.219	3.056
117	9	0	0	3.352	0	3.352	15.14	4.522	5.337	3.782	4.713	0.571
118	13	1	1	4.19	0.419	4.609	20.23	4.727	9.257	2.675	4.745	1.663
119	14	0	0	5.447	1.676	7.123	21.9	4.048	5.995	1.645	3.867	1.27
120	11	0	0	4.19	0	4.19	15.51	3.724	5.724	1.013	3.68	1.435
121	5	0	0	1.676	2.514	4.19	6.369	3.805	4.607	2.654	4.201	0.842
122	33	1	0	12.99	7.542	20.53	6.593	1.621	8.978	0.135	1.243	1.648
123	13	0	1	5.028	10.89	15.92	24.6	4.841	7.606	1.595	5.483	1.842
124	41	2	3	9.637	0	9.637	33.6	3.494	6.401	0.127	3.77	1.624
125	28	1	3	4.609	0	4.609	13.81	3.446	6.085	0.858	3.903	1.467
126	15	1	1	5.447	0	5.447	18.6	3.426	5.206	0.726	3.639	1.332
127	4	0	0	1.257	0	1.257	3.155	2.605	3.512	1.319	2.985	1.145
128	6	0	0	2.095	0.419	2.514	3.457	1.751	3.686	0.58	1.318	1.337
129	9	1	1	2.933	2.095	5.028	7.846	2.658	5.01	0.843	2.024	1.681
130	8	0	0	2.933	0	2.933	3.055	2.119	2.78	1.078	2.368	0.569
131	4	0	0	1.257	0.419	1.676	1.968	2.056	3.75	0.718	1.701	1.547
132	7	0	1	1.257	0	1.257	0.808	1.883	4.172	0.483	1.73	1.231
133	25	0	1	7.123	0	7.123	10.72	1.603	4.159	0.118	1.52	0.934
134	37	0	3	6.285	0	6.285	3.961	1.437	3.504	0.195	1.284	0.974

Track Index	Number of Spots	Number of Splits	Number of Gaps	Track Duration	Track Start	Track Stop	Track Displacement	Track mean speed	Track Max Speed	Track Min Speed	Track Median Speed	Track STD Speed
135	2	0	0	0.419	0	0.419	0.324	0.772	0.772	0.772	0.772	NaN
136	7	0	1	1.676	0	1.676	1.399	1.094	2.007	0.072	1.456	0.83
137	25	2	0	4.19	0	4.19	5.711	3.271	5.763	0.349	2.951	1.625
138	20	0	1	5.028	0	5.028	5.581	0.998	3.852	0.073	0.406	1.145
139	148	2	4	17.6	0	17.6	42.37	1.773	5.495	0.028	1.536	1.226
140	9	1	2	2.514	0	2.514	3.115	1.685	3.171	0.078	1.618	1.02
141	8	1	0	2.514	2.095	4.609	8.922	3.567	5.849	1.824	2.446	1.723
142	2	0	0	0.419	1.257	1.676	0.508	1.213	1.213	1.213	1.213	NaN
143	6	0	0	2.095	1.257	3.352	0.663	0.872	2.134	0.211	0.695	0.753
144	64	1	2	20.53	0	20.53	21.24	1.625	6.786	0.052	1.228	1.485
145	7	0	0	2.514	2.095	4.609	1.443	0.93	2.382	0.113	0.885	0.835
146	6	0	0	2.095	4.19	6.285	2.529	1.226	2.764	0.509	0.871	0.912