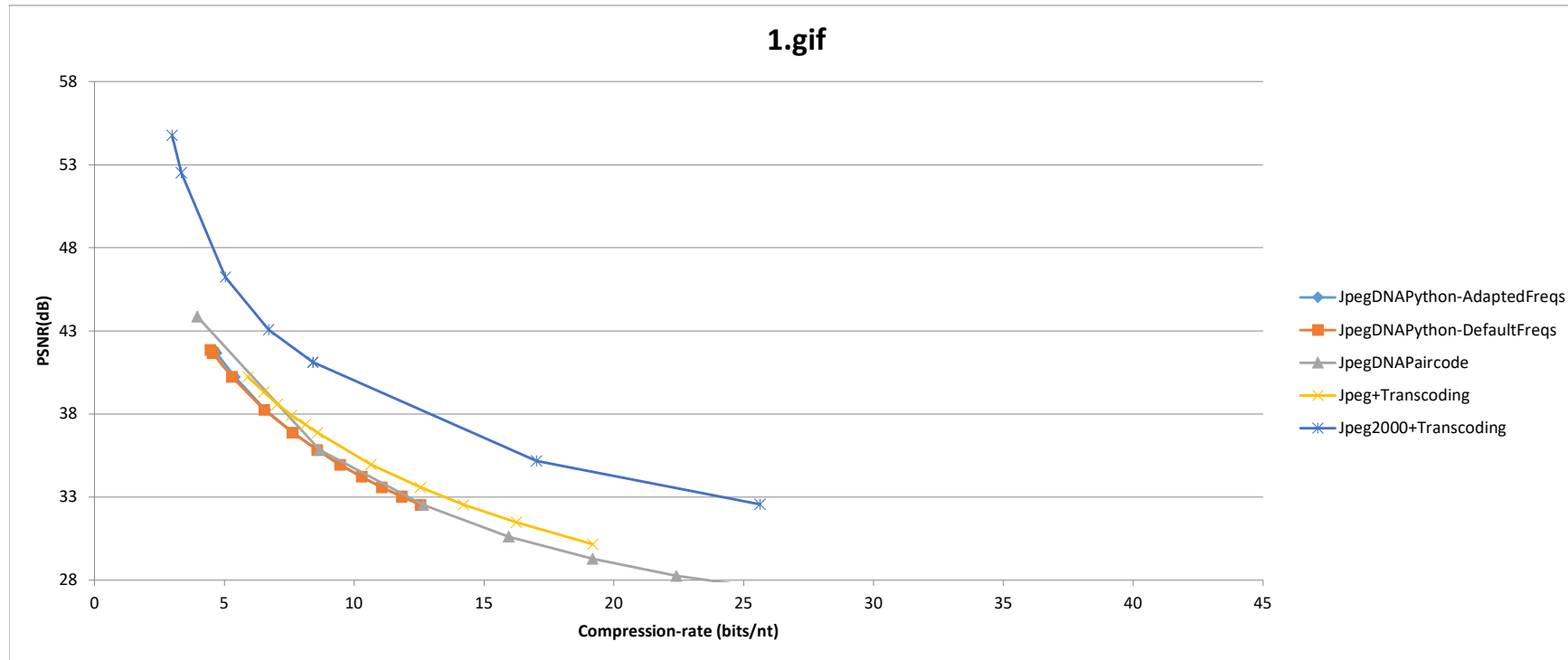
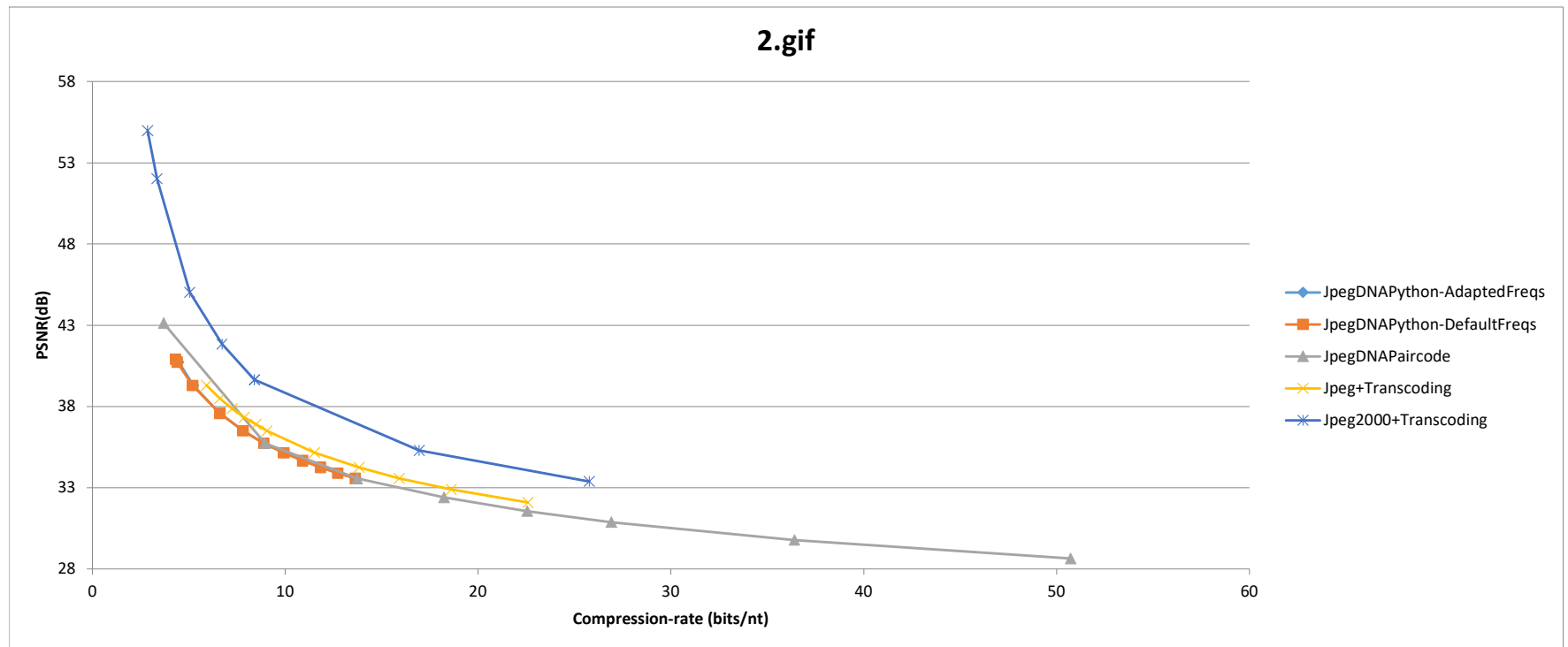


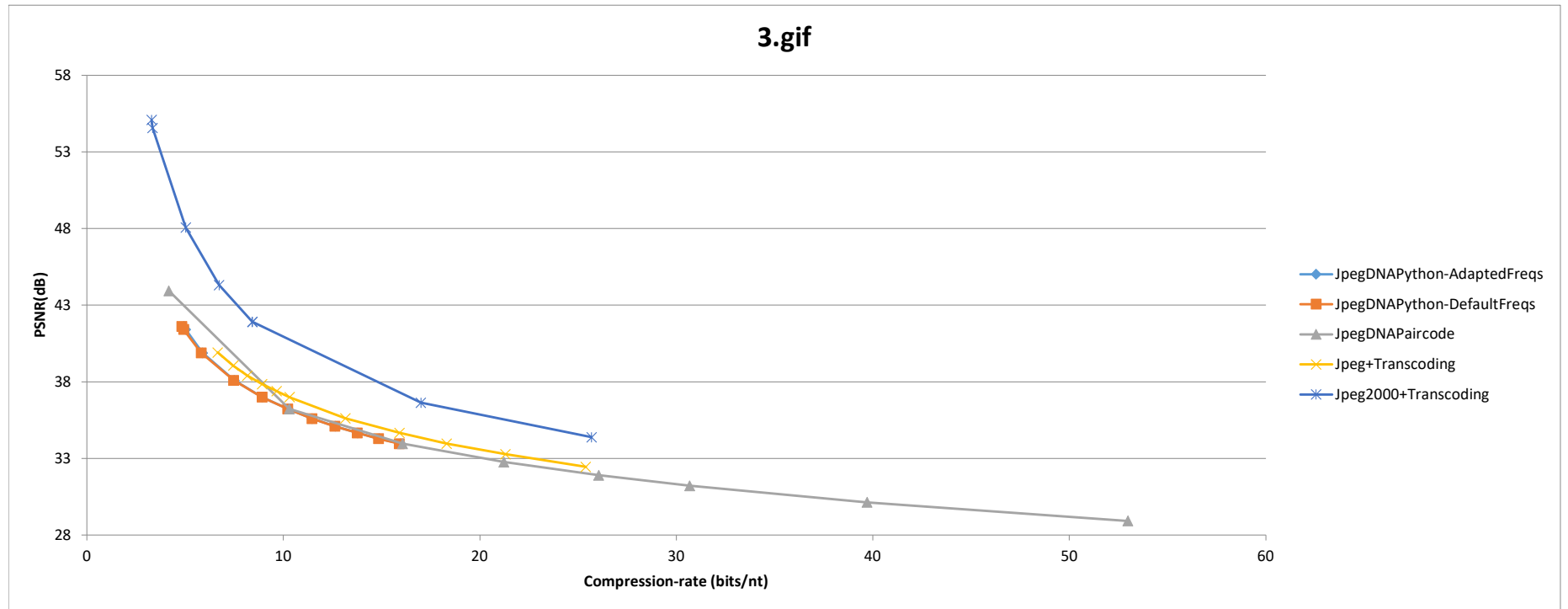
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JpegDNA-AdaptedFreqs		JpegDNA-DefaultFreqs		JpegDNAPaircode		JPEG+Transcoding		JPEG2000+Transcoding	
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4.61880757	41.85089221	4.469461956	41.85089221	3.9539	43.8616	19.1929	30.1596	25.6265	32.5666
4.696448247	41.67177644	4.551842093	41.67177644	8.6686	35.8283	16.2455	31.488	17.0215	35.1795
5.407316495	40.22874275	5.296092489	40.22874275	12.6583	32.531	14.2185	32.5366	8.4122	41.1122
6.582315351	38.24325257	6.536686324	38.24325257	15.9553	30.627	12.5533	33.5848	8.4122	41.1122
7.642877187	36.88463972	7.623595444	36.88463972	19.1833	29.2953	10.6557	34.9552	6.7112	43.0677
8.592032973	35.82832629	8.581345009	35.82832629	22.4045	28.2576	8.5892	36.8801	5.0477	46.2447
9.46137674	34.94733424	9.457238073	34.94733424	29.2739	26.783	8.1167	37.3747	3.3498	52.5192
10.29337679	34.22227989	10.29170981	34.22227989	40.0281	25.4403	7.584	37.925	2.9889	54.7743
11.06723239	33.58626659	11.06553891	33.58626659			7.0383	38.5862		
11.84236175	33.0403375	11.83354117	33.0403375			6.5243	39.3276		
12.57949038	32.53114692	12.56072975	32.53114692			5.91	40.2364		



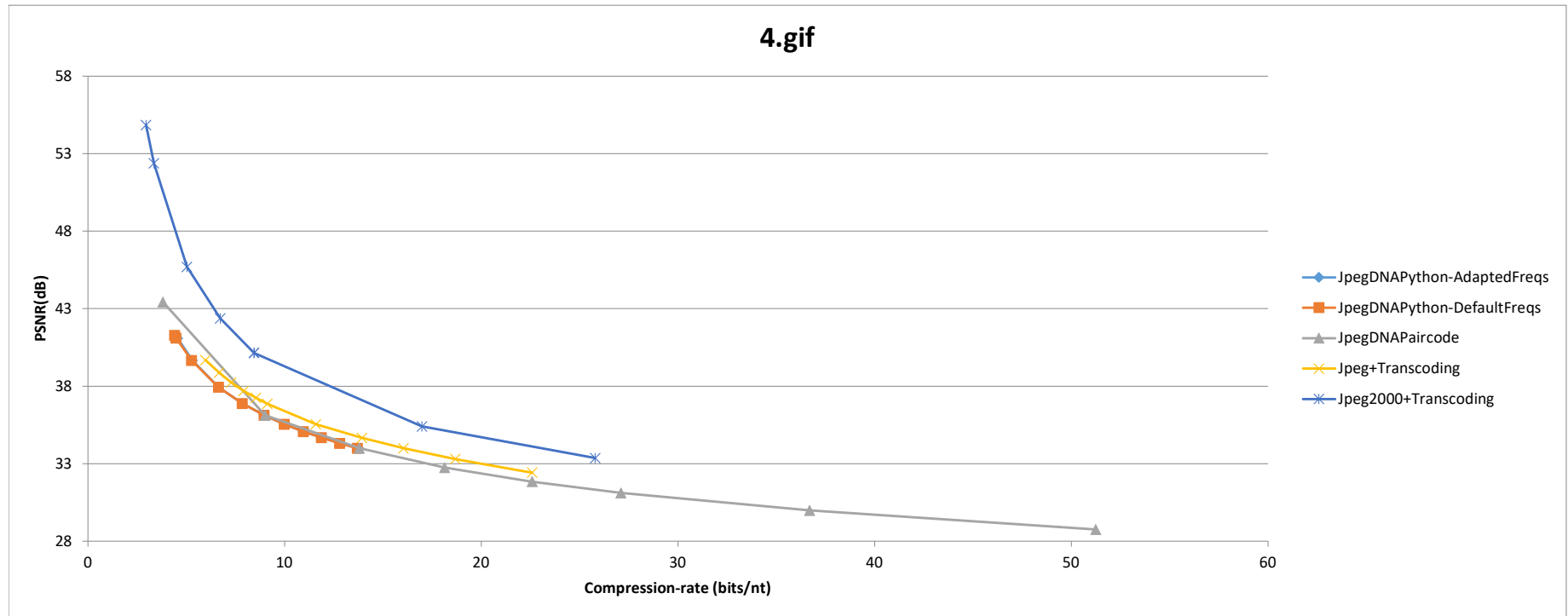
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4.395080047	40.91563738	4.314009125	40.91563738	3.7017	43.1274	22.585	32.1012	25.7701	33.391
4.476454956	40.73557376	4.398859777	40.73557376	8.9532	35.7445	18.6124	32.9006	16.9508	35.2938
5.241543406	39.29178738	5.197415607	39.29178738	13.7316	33.5745	15.917	33.5758	8.409	39.6516
6.614098331	37.58111708	6.607367453	37.58111708	18.2344	32.4079	13.8283	34.2525	8.409	39.6516
7.806406224	36.51460156	7.805098813	36.51460156	22.5483	31.5603	11.5182	35.1654	6.7237	41.8462
8.888271045	35.74445733	8.887706019	35.74445733	26.9138	30.8781	9.0507	36.5028	5.0459	45.0321
9.928803753	35.1520564	9.928756747	35.1520564	36.4019	29.7924	8.4772	36.8992	3.3492	52.0208
10.90131825	34.666823	10.90120492	34.666823	50.733	28.6474	7.8721	37.3381	2.8646	54.9762
11.83213911	34.25648073	11.82686766	34.25648073			7.2351	37.8737		
12.73795843	33.89741909	12.72566855	33.89741909			6.6092	38.4923		
13.66231702	33.57483254	13.63380575	33.57483254			5.9114	39.3028		



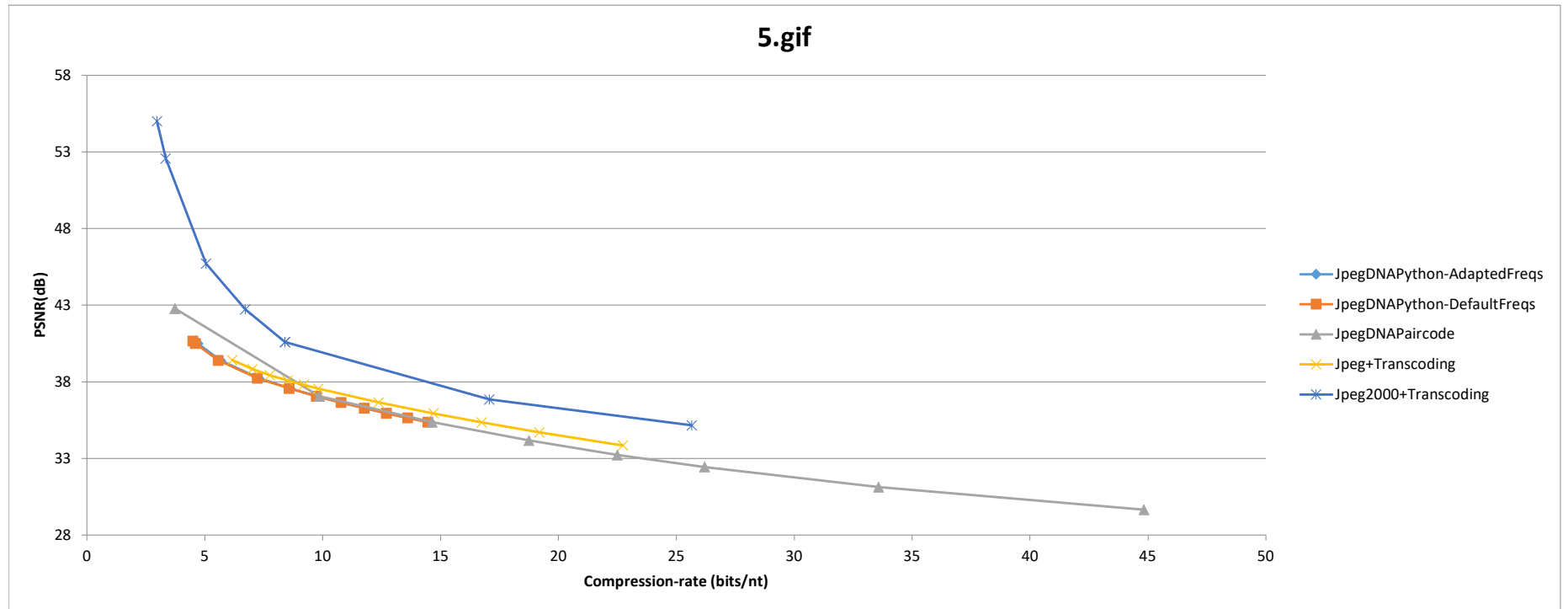
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4.939519415	41.61481524	4.831713279	41.61481524	4.1704	43.9365	25.3912	32.4513	25.6853	34.3821
5.027923692	41.41964521	4.924787947	41.41964521	10.307	36.2316	21.3021	33.2817	17.0036	36.6415
5.886544173	39.8922994	5.815745468	39.8922994	16.0683	33.9645	18.3197	33.9651	8.4221	41.9275
7.498746724	38.09963059	7.466655273	38.09963059	21.2185	32.7667	15.9118	34.6701	8.4221	41.9275
8.927470095	37.00008543	8.911309787	37.00008543	26.0467	31.9066	13.1587	35.6226	6.7306	44.3084
10.23405346	36.23195026	10.22302818	36.23195026	30.674	31.2254	10.3146	36.9954	5.0314	48.0665
11.46084904	35.60481796	11.45214965	35.60481796	39.7098	30.1439	9.6486	37.3915	3.3453	54.5688
12.63306527	35.09520921	12.61680073	35.09520921	52.9811	28.9261	8.9076	37.8456	3.287	55.0792
13.78680323	34.66965345	13.75867317	34.66965345			8.1743	38.3978		
14.8775335	34.28863451	14.83365163	34.28863451			7.4485	39.057		
15.96844614	33.96390942	15.9073994	33.96390942			6.6594	39.9187		



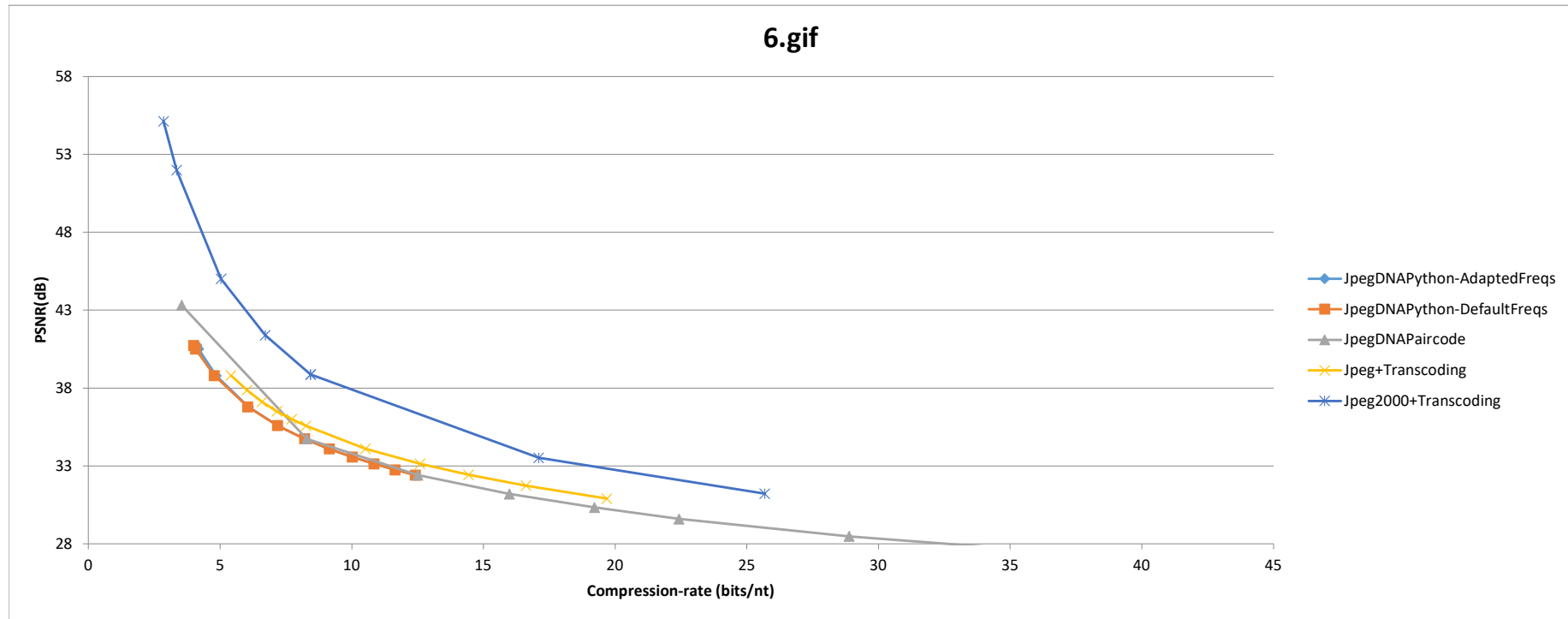
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JpegDNA-AdaptedFreqs		JpegDNA-DefaultFreqs		JpegDNAPaircode		JPEG+Transcoding		JPEG2000+Transcoding	
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4.47331351	41.28286333	4.395586706	41.28286333	3.8101	43.4363	22.5815	32.4266	25.7838	33.3728
4.553759565	41.10479835	4.478519825	41.10479835	9.0075	36.1238	18.6784	33.3071	16.9765	35.4088
5.310347971	39.66613441	5.269173174	39.66613441	13.7991	34.0033	16.0498	34.001	8.4431	40.155
6.638447659	37.94157972	6.636682975	37.94157972	18.1267	32.7575	13.9271	34.6687	8.4431	40.155
7.845627792	36.87825806	7.845510389	36.87825806	22.5886	31.8416	11.5823	35.547	6.7298	42.3774
8.949681428	36.12427994	8.949490467	36.12427994	27.0981	31.1185	9.1165	36.8667	5.0298	45.6944
9.977885622	35.53800523	9.977553322	35.53800523	36.6827	29.9815	8.5317	37.2562	3.3486	52.3807
10.95982733	35.07566042	10.95484653	35.07566042	51.2438	28.7543	7.912	37.693	2.949	54.853
11.8795926	34.67782598	11.86668628	34.67782598			7.2813	38.2324		
12.81822905	34.32083587	12.79195818	34.32083587			6.6611	38.8711		
13.75858291	34.00324553	13.69371911	34.00324553			5.9801	39.6802		



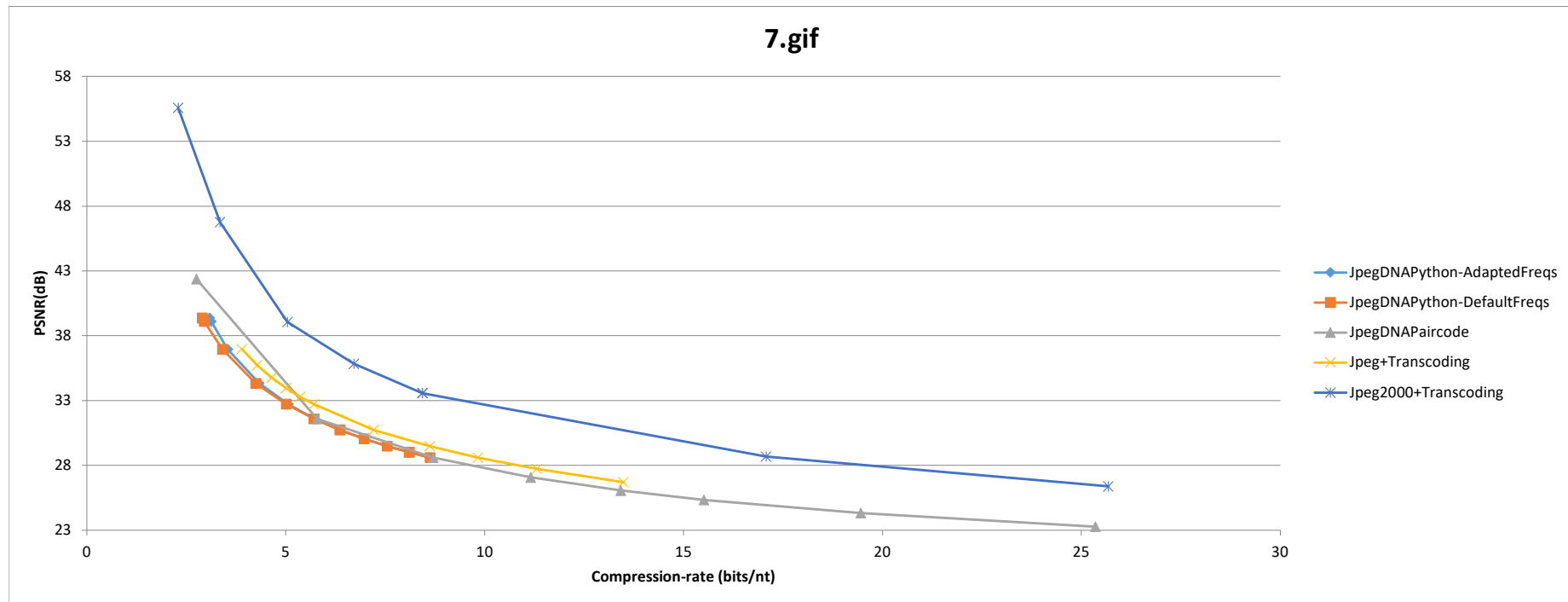
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JpegDNA-AdaptedFreqs		JpegDNA-DefaultFreqs		JpegDNAPaircode		JPEG+Transcoding		JPEG2000+Transcoding	
Compressionrate	PSNR	Compressionrate	PSNR	Compressionrate	PSNR	Compressionrate	PSNR	Compressionrate	PSNR
4.61694872	40.66174441	4.498202565	40.66174441	3.7356	42.7819	22.7331	33.8458	25.6536	35.1579
4.716357626	40.50515051	4.599340305	40.50515051	9.8619	37.0703	19.1895	34.713	17.0693	36.8451
5.669112201	39.39271823	5.572700265	39.39271823	14.6428	35.368	16.7436	35.367	8.4022	40.5882
7.289776282	38.23870872	7.226475169	38.23870872	18.7455	34.1812	14.7003	35.9441	8.4022	40.5882
8.607408319	37.56849263	8.580326823	37.56849263	22.4937	33.2286	12.3731	36.6644	6.7127	42.7337
9.737437898	37.06979752	9.730660728	37.06979752	26.1967	32.4383	9.8155	37.5584	5.0508	45.724
10.78016634	36.65410546	10.77950141	36.65410546	33.5759	31.1337	9.2015	37.8114	3.3444	52.5889
11.77255963	36.28695821	11.7647666	36.28695821	44.8291	29.6557	8.5086	38.0833	2.973	55.0074
12.75539039	35.95281657	12.70292928	35.95281657			7.7471	38.4346		
13.67880298	35.64703664	13.60320693	35.64703664			7.0242	38.841		
14.55476205	35.3680448	14.45952729	35.3680448			6.1686	39.4142		



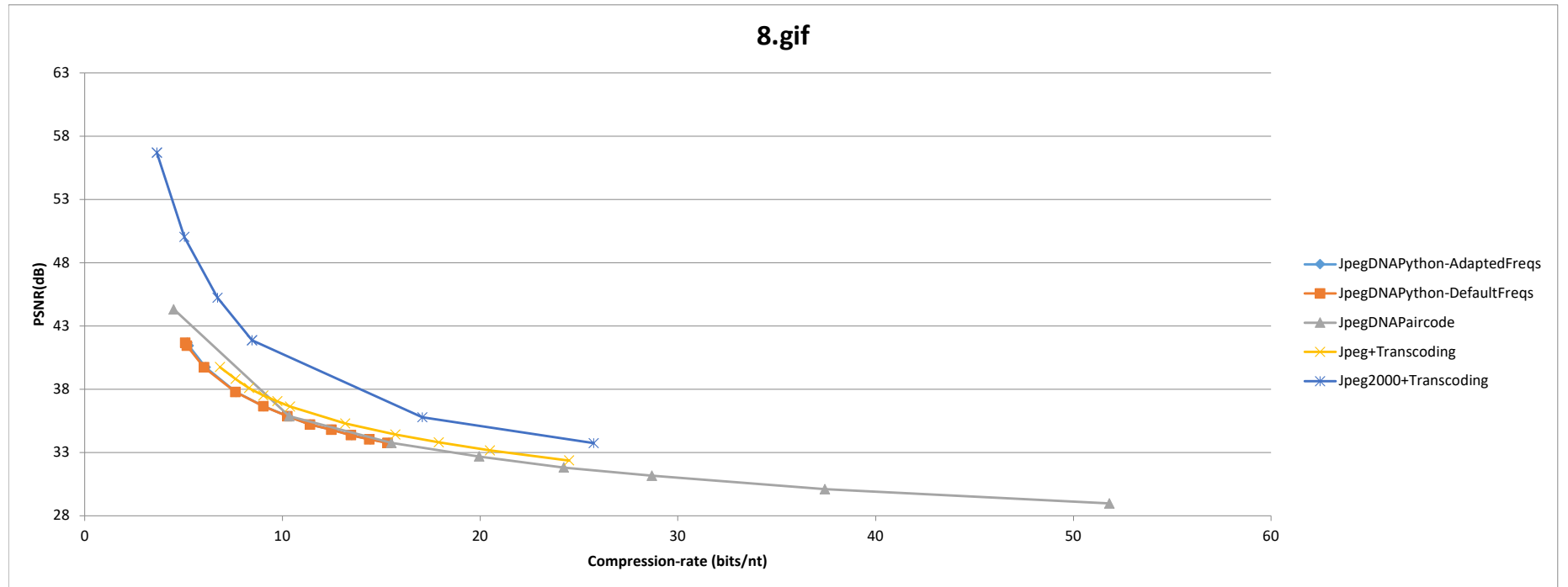
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JpegDNA-AdaptedFreqs		JpegDNA-DefaultFreqs		JpegDNAPaircode		JPEG+Transcoding		JPEG2000+Transcoding	
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4.11834524	40.73357931	3.994986151	40.73357931	3.5437	43.3153	19.6902	30.8983	25.6838	31.216
4.186375006	40.51515922	4.06716444	40.51515922	8.2947	34.751	16.6213	31.7429	17.1014	33.5276
4.853889311	38.79235913	4.779408782	38.79235913	12.5065	32.4243	14.4384	32.428	8.436	38.878
6.078613353	36.78689501	6.050099385	36.78689501	15.9867	31.2132	12.5961	33.1287	8.436	38.878
7.187368695	35.58900074	7.186900707	35.58900074	19.2193	30.329	10.5208	34.1083	6.7121	41.3887
8.208866656	34.75111744	8.208641739	34.75111744	22.4268	29.6103	8.2602	35.5869	5.0393	45.0029
9.147203915	34.10357774	9.146964536	34.10357774	28.8856	28.4826	7.7245	36.0149	3.35	51.9936
10.02098664	33.57379394	10.02093876	33.57379394	38.5201	27.2537	7.1609	36.5053	2.8549	55.1417
10.85151015	33.13195589	10.85128555	33.13195589			6.5883	37.1139		
11.65479412	32.75773801	11.65272183	32.75773801			6.0281	37.8577		
12.42234082	32.42474756	12.414105	32.42474756			5.4168	38.811		



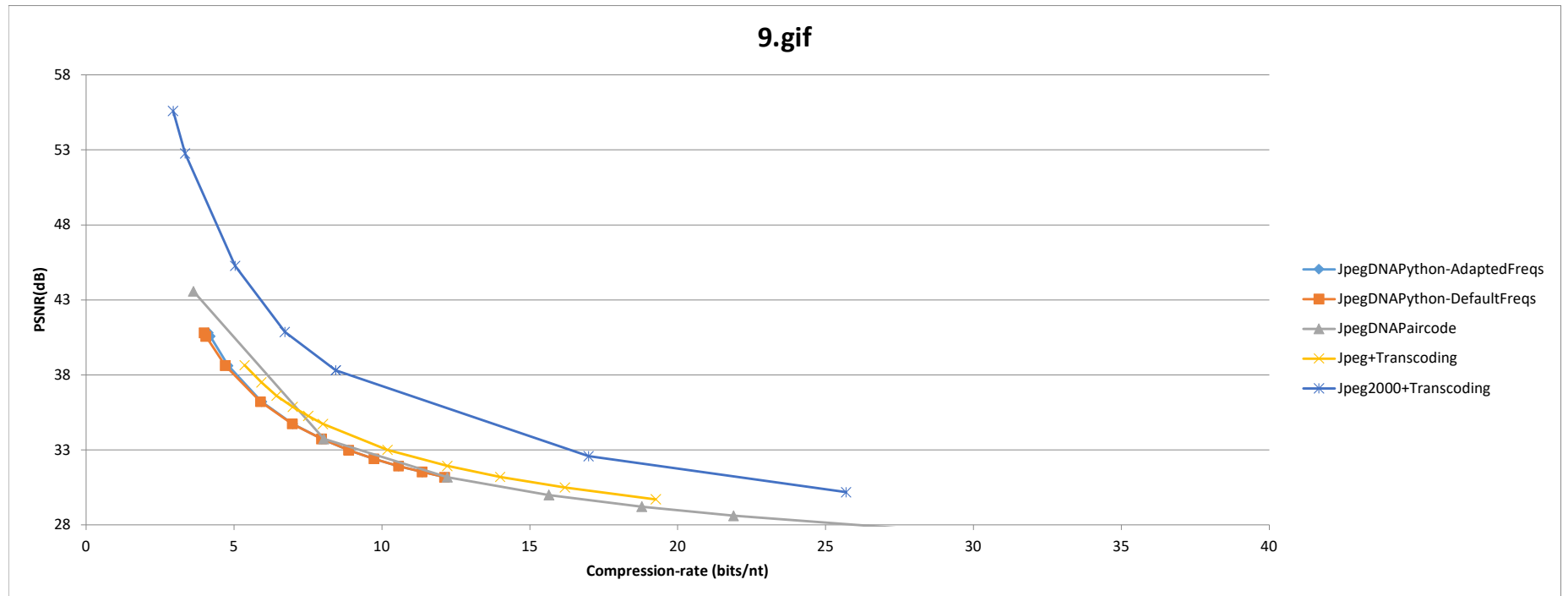
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JpegDNA-AdaptedFreqs		JpegDNA-DefaultFreqs		JpegDNAPaircode		JPEG+Transcoding		JPEG2000+Transcoding	
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3.084096949	39.37570473	2.90270886	39.37570473	2.7573	42.3772	13.4856	26.7043	25.6747	26.3938
3.125892648	39.10575999	2.951166449	39.10575999	5.791	31.5985	11.3115	27.7396	17.0753	28.6851
3.538726589	36.96283369	3.406380857	36.96283369	8.71	28.5953	9.8278	28.6025	8.4379	33.5807
4.333997404	34.33750135	4.247525494	34.33750135	11.1565	27.0809	8.6166	29.4863	8.4379	33.5807
5.064031082	32.72771454	5.010708807	32.72771454	13.417	26.0607	7.211	30.7439	6.7116	35.8323
5.72901562	31.59859416	5.706768984	31.59859416	15.5132	25.3436	5.7037	32.7249	5.0406	39.0669
6.370759211	30.73687895	6.361869168	30.73687895	19.4548	24.3307	5.3596	33.3081	3.3459	46.7578
6.968138941	30.05845935	6.96540798	30.05845935	25.3549	23.282	5.0026	33.9676	2.2948	55.5778
7.556923254	29.48632515	7.553575352	29.48632515			4.6415	34.7566		
8.106345065	29.00865235	8.103682523	29.00865235			4.2793	35.7277		
8.62872825	28.59551556	8.625143948	28.59551556			3.893	36.9736		



8.gif									
JpegDNA-AdaptedFreqs		JpegDNA-DefaultFreqs		JpegDNAPaircode		JPEG+Transcoding		JPEG2000+Transcoding	
Compressionrate	PSNR	Compressionrate	PSNR	Compressionrate	PSNR	Compressionrate	PSNR	Compressionrate	PSNR
5.179150552	41.67120364	5.070790062	41.67120364	4.5012	44.3145	24.4917	32.3584	25.7413	33.7448
5.266553156	41.44943746	5.16044194	41.44943746	10.3367	35.876	20.4851	33.1651	17.0773	35.7791
6.117266827	39.72726904	6.041680831	39.72726904	15.5074	33.7563	17.9097	33.8011	8.4637	41.8688
7.647447936	37.78480744	7.620409735	37.78480744	19.9533	32.6794	15.7149	34.4149	8.4637	41.8688
9.041396853	36.64928417	9.026453296	36.64928417	24.2263	31.8163	13.1769	35.2888	6.7104	45.2259
10.26526217	35.87607136	10.24820657	35.87607136	28.6786	31.1693	10.3867	36.6453	5.035	50.0334
11.39149801	35.21879131	11.38593177	35.21879131	37.4217	30.0932	9.7369	37.0536	3.6514	56.6834
12.49747923	34.80543049	12.46672215	34.80543049	51.8174	28.9678	9.0277	37.5165	3.6514	56.6834
13.50596357	34.3659385	13.464601	34.3659385			8.3152	38.0995		
14.44369296	34.03594958	14.3868175	34.03594958			7.6216	38.8102		
15.37918644	33.75628083	15.30644985	33.75628083			6.8431	39.7452		



9.gif									
JpegDNA-AdaptedFreqs		JpegDNA-DefaultFreqs		JpegDNAPaircode		JPEG+Transcoding		JPEG2000+Transcoding	
Compressionrate	PSNR	Compressionrate	PSNR	Compressionrate	PSNR	Compressionrate	PSNR	Compressionrate	PSNR
4.136541337	40.81374247	3.985018784	40.81374247	3.6298	43.5703	19.2572	29.7046	25.6959	30.1807
4.194513726	40.5703516	4.049845993	40.5703516	8.0328	33.7319	16.1907	30.5014	16.9917	32.5759
4.804582006	38.62893189	4.704455112	38.62893189	12.2128	31.1861	14.0021	31.1931	8.441	38.301
5.937072163	36.20964378	5.89712139	36.20964378	15.6486	29.9884	12.2106	31.9339	8.441	38.301
6.983895246	34.73170471	6.968856752	34.73170471	18.7888	29.2117	10.1905	32.9932	6.7164	40.8618
7.963092205	33.73181805	7.957200422	33.73181805	21.8912	28.6169	8.0074	34.7268	5.0333	45.2681
8.876345429	32.98393802	8.874392231	32.98393802	28.0916	27.7007	7.5133	35.2595	3.3493	52.7693
9.73084133	32.40073922	9.728945342	32.40073922	37.5571	26.6531	6.9845	35.8667	2.9394	55.5956
10.5642524	31.92414596	10.56260294	31.92414596			6.4353	36.608		
11.36058158	31.53469863	11.3591663	31.53469863			5.9227	37.5047		
12.11778302	31.18614314	12.11435305	31.18614314			5.3581	38.6461		



10.gif									
JpegDNA-AdaptedFreqs		JpegDNA-DefaultFreqs		JpegDNAPaircode		JPEG + Transcoding		JPEG2000 + Transcoding	
Compressionrate	PSNR	Compressionrate	PSNR	Compressionrate	PSNR	Compressionrate	PSNR	Compressionrate	PSNR
5.795110574	43.47402286	5.567581344	43.47402286	4.8365	45.2337	22.4642	35.3079	25.6762	37.1782
5.899360879	43.3311724	5.67773795	43.3311724	11.5611	38.6334	19.5984	36.1125	16.9449	39.8995
6.876719875	42.09398178	6.712024759	42.09398178	17.3935	36.1095	17.1727	36.8941	8.4122	44.885
8.565467779	40.49812126	8.463561299	40.49812126	22.5171	34.7071	14.3781	37.9638	8.4122	44.885
10.04801809	39.44666927	9.983538115	39.44666927	27.0866	33.6099	11.4173	39.4355	6.7411	47.0287
11.4248856	38.63352742	11.39261191	38.63352742	31.6446	32.7124	10.7356	39.8303	5.0304	50.0158
12.69554689	37.95916831	12.66541451	37.95916831	40.143	31.3383	9.9451	40.2625	3.7354	54.1723
13.89422077	37.38773462	13.85960321	37.38773462	51.4273	29.8762	9.1913	40.7962	3.7354	54.1723
15.07863763	36.90653226	15.05201433	36.90653226			8.4369	41.3829		
16.20611259	36.47362352	16.17062357	36.47362352			7.5994	42.1077		
17.2651996	36.10942999	17.2165832	36.10942999						

