SUPPLEMENTARY TABLES

Table S1. Exonic Chromosomal Parameters of *Aspergillus fumigatus*

	n_{ex}	l_{ex}	a_{ex}	$n1_{ex}$	$l1_{ex}$	p_c	$l0_{ex}$	$l0_{ex}$ / l_{ex}	$l0_{ex}$ / $l1_{ex}$
AF1	2.990±0.09	1488±55	664±32	3.491±0.10	1520±63	79.87	1360±101	0.913	0.895
AF2	2.935±0.09	1529±60	698±39	3.450±0.09	1562±66	78.99	1405±131	0.918	0.899
AF3	2.894±0.10	1448±56	675±34	3.476±0.11	1507±67	76.48	1254±96	0.866	0.832
AF4	2.953±0.11	1452±59	647±33	3.462±0.11	1504±70	79.29	1254±99	0.864	0.864
AF5	2.938±0.11	1494±68	691±50	3.481±0.12	1526±68	78.09	1381±189	0.924	0.904
AF6	3.007±0.10	1498±63	646±35	3.452±0.11	1562±71	81.81	1212±126	0.809	0.776
AF7	2.784±0.14	1426±75	669±45	3.388±0.15	1507±92	74.72	1187±107	0.832	0.788
AF8	2.839±0.15	1378±80	656±51	3.424±0.17	1416±93	75.86	1257±150	0.912	0.888
AF	2.935±0.04	1476±23	671±14	3.462±0.04	1522±25	78.58	1304±47	0.883	0.856

Table S2. Results of ANOVA Test to Parameters of Chromosomes of *Aspergillus fumigatus*

Number_of_exons	**Sum of Squares**	**df**	**Mean Square**	**F**	**Sig**
Between Groups	33.524	7	4.789	1.374	0.211
Within Groups	33516.100	9615	3.486		
Total	33549.624	9622			
Total_exon_length	**Sum of Squares**	**df**	**Mean Square**	**F**	**Sig**
Between Groups	15022658.093	7	2146094.013	1.730	0.097
Within Groups	11925704534.704	9615	1240322.885		
Total	11940727192.798	9622			

Table S3. Component Matrix. Extraction Method: Principal Component Analysis with 4 extracted components.

	Component			
	1	**2**	**3**	**4**
AF01	-.977	-.057	.161	.125
AF02	-.965	-.153	.160	.138
AF03	-.978	.076	.082	.175
AF04	-.980	.056	.085	.172
AF05	-.973	-.077	.179	.121
AF06	-.973	.014	-.019	.229
AF07	-.967	.134	.036	.215
AF08	-.959	.169	.189	.126
CGA	.978	.206	-.009	-.038
CGB	.997	.031	-.070	-.024
CGC	.995	.066	-.075	-.022
CGD	.995	.064	-.072	-.024
CGE	.998	.022	-.055	-.026
CGF	.994	.097	-.044	-.029
CGG	.996	.084	-.016	-.031
CGH	.996	.052	-.073	-.021
CGI	.992	.113	-.057	-.030
CGJ	.998	-.001	-.056	-.018

(Table S3). Contd…..

	Component			
	1	**2**	**3**	**4**
CGK	.992	.108	-.049	-.030
CGL	.992	-.078	-.101	-.010
CGM	.998	.004	-.061	-.022
CN01	-.932	.097	-.350	-.013
CN02	-.967	-.067	-.132	-.206
CN03	-.956	.100	-.261	-.096
CN04	-.937	.033	-.342	-.059
CN05	-.954	-.062	-.123	-.266
CN06	-.922	.047	-.382	-.040
CN07	-.961	-.009	-.252	-.114
CN08	-.958	-.096	-.110	-.246
CN09	-.973	.025	-.178	-.147
CN10	-.947	.004	-.306	-.096
CN11	-.948	-.053	-.301	-.092
CN12	-.965	.092	-.197	-.146
CN13	-.891	.174	-.420	.010
CN14	-.933	-.156	.006	-.324
DHA	.952	.305	.030	-.006
DHC	.973	.224	-.043	-.038
DHD	.804	.587	.085	-.035
DHE	.932	.359	.040	-.036
DHF	.950	.308	.050	-.023
DHG	.881	.461	.095	-.045
DNB	.787	.591	.169	-.040
EC01	.029	.980	.177	-.092
EC02	.211	.955	.185	-.091
EC03	.140	.972	.165	-.093
EC04	.150	.969	.174	-.093
EC05	.161	.969	.162	-.093
EC06	.160	.987	.018	.013
EC07	.165	.966	.179	-.093
EC08	-.019	.979	.182	-.091
EC09	.165	.967	.171	-.094
EC10	.399	.827	.339	-.203
EC11	.205	.961	.159	-.092
EG01	.967	.252	.029	-.038
EG02	.997	.071	-.017	-.024
EG03	.987	.149	.043	-.040
EG04	.944	.326	.034	-.035
EG05	.974	.137	-.162	.080
EG06	.992	.124	.011	-.021
EG07	.998	.009	-.054	-.012
GZ01	-.978	-.136	.074	.141
GZ02	-.988	.069	.051	.126
GZ03	-.918	-.354	.170	-.044
GZ04	-.988	-.072	.022	.131
KLA	.945	.322	.019	-.046
KLB	.949	.311	.020	-.046
KLC	.973	.229	-.010	-.038

(Table S3). Contd…..

	Component			
	1	**2**	**3**	**4**
KLD	.910	.411	.029	-.052
KLE	.945	.319	.039	-.052
KLF	.988	.147	-.048	-.029
MG01	-.974	.092	.018	.204
MG02	-.966	.193	.063	.160
MG03	-.975	.102	.021	.194
MG04	-.963	.180	.050	.193
MG05	-.908	.372	.059	.183
MG06	-.980	.065	.109	.150
MG07	-.947	.253	.141	.138
NC01	-.927	-.143	.317	.137
NC02	-.930	.244	.175	.213
NC03	-.927	-.109	.333	.133
NC04	-.940	-.197	.174	.218
NC05	-.929	.017	.345	.133
NC06	-.919	-.279	-.035	.276
NC07	-.951	.062	.229	.199
PS01	.886	.158	-.051	.433
PS02	.630	.358	-.143	.675
PS03	.837	.315	-.017	.448
PS04	.848	.110	-.060	.515
PS05	.581	.679	-.023	.448
PS06	.945	.097	-.071	.304
PS07	.933	-.301	.027	.195
PS08	.864	-.137	-.163	.457
SC01	.995	.074	-.064	-.007
SC02	.996	.087	.010	-.006
SC03	.871	.487	.057	-.044
SC04	.995	.082	-.052	.008
SC05	.954	.299	.028	-.019
SC06	.981	.192	-.012	.005
SC07	.988	.116	-.096	.024
SC08	.963	.268	.026	.003
SC09	.997	.067	-.042	.008
SC10	.995	-.054	-.086	.015
SC11	.999	-.016	-.027	-.020
SC12	.998	-.030	-.059	.006
SC13	.995	.069	-.068	.030
SC14	.987	.159	-.017	-.009
SC15	.983	.171	-.069	-.005
SC16	.992	.119	-.035	.011
SP01	-.294	.099	.950	-.034
SP02	-.510	.239	.826	.004
SP03	-.395	.313	.863	-.043
UM01	.695	-.713	.092	.014
UM02	.678	-.711	.181	-.042
UM03	.663	-.738	.081	.095
UM04	.681	-.727	.082	-.031
UM05	.647	-.731	.214	-.034

(Table S3). Contd…..

	Component			
	1	**2**	**3**	**4**
UM06	.603	-.797	.038	.007
UM07	.574	-.816	.074	.020
UM08	.591	-.799	.106	-.021
UM09	.686	-.699	.191	-.065
UM10	.714	-.696	.080	.006
UM11	.609	-.756	.236	-.041
UM12	.582	-.810	.069	.037
UM13	.582	-.803	.031	.123
UM14	.653	-.756	-.035	.027
UM15	.684	-.692	.214	-.081
UM16	.621	-.773	.126	-.010
UM17	.527	-.807	.259	-.057
UM18	.688	-.706	.159	-.048
UM19	.691	-.712	-.100	.076
UM20	.603	-.760	.242	.001
UM21	.575	-.719	.389	.000
UM22	.588	-.808	.027	.021
UM23	.491	-.713	.462	-.192
YL01	.908	.413	.059	.026
YL02	.979	.042	-.091	.176
YL03	.937	.309	-.031	.158
YL04	.989	.111	-.017	.096
YL05	.971	.220	-.012	.097
YL06	.945	.300	.082	.105