

Supporting Info S2 (a–e): Significance levels of differences in allele frequencies for the five SNPs with the meat-egg and egg-meat subgroups of chickens combined into one dual purpose group within TCM and using the Kruskal –Wallis test for ANOVA by ranks. Groups: egg, egg-type; m, meat-type; dpb, dual purpose breeds; b, Bantam; and d, fancy (decorative).

a: GGaluGA265969

Kruskal-Wallis ANOVA by Ranks; GGaluGA265969 (подсчет аллели - комбинир группы Statistica)		Independent (grouping) variable: breed		
Kruskal-Wallis test: H (1, N= 9) =6,000000 p =,0143				
Depend.: GGaluGA265969	Code	Valid N	Sum of Ranks	Mean Rank
egg	101	5	35,00000	7,000000
m	102	4	10,00000	2,500000
Kruskal-Wallis ANOVA by Ranks; GGaluGA265969 (подсчет аллели - комбинир группы Statistica)		Independent (grouping) variable: breed		
Kruskal-Wallis test: H (1, N= 29) =1,021840 p =,3121				
Depend.: GGaluGA265969	Code	Valid N	Sum of Ranks	Mean Rank
egg	101	5	92,5000	18,50000
dpb	103	24	342,5000	14,27083
Kruskal-Wallis ANOVA by Ranks; GGaluGA265969 (подсчет аллели - комбинир группы Statistica)		Independent (grouping) variable: breed		
Kruskal-Wallis test: H (1, N= 9) =,0151261 p =,9021				
Depend.: GGaluGA265969	Code	Valid N	Sum of Ranks	Mean Rank
egg	101	5	25,50000	5,100000
b	104	4	19,50000	4,875000
Kruskal-Wallis ANOVA by Ranks; GGaluGA265969 (подсчет аллели - комбинир группы Statistica)		Independent (grouping) variable: breed		
Kruskal-Wallis test: H (1, N= 17) =4,733251 p =,0296				
Depend.: GGaluGA265969	Code	Valid N	Sum of Ranks	Mean Rank
egg	101	5	65,50000	13,10000
d	105	12	87,50000	7,29167
Kruskal-Wallis ANOVA by Ranks; GGaluGA265969 (подсчет аллели - комбинир группы Statistica)		Independent (grouping) variable: breed		
Kruskal-Wallis test: H (1, N= 28) =3,887822 p =,0486				
Depend.: GGaluGA265969	Code	Valid N	Sum of Ranks	Mean Rank
m	102	4	28,0000	7,00000
dpb	103	24	378,0000	15,75000
Kruskal-Wallis ANOVA by Ranks; GGaluGA265969 (подсчет аллели - комбинир группы Statistica)		Independent (grouping) variable: breed		
Kruskal-Wallis test: H (1, N= 8) =2,551205 p =,1102				
Depend.: GGaluGA265969	Code	Valid N	Sum of Ranks	Mean Rank
m	102	4	12,50000	3,125000
b	104	4	23,50000	5,875000
Kruskal-Wallis ANOVA by Ranks; GGaluGA265969 (подсчет аллели - комбинир группы Statistica)		Independent (grouping) variable: breed		
Kruskal-Wallis test: H (1, N= 16) =,9580838 p =,3277				
Depend.: GGaluGA265969	Code	Valid N	Sum of Ranks	Mean Rank
m	102	4	42,00000	10,50000
d	105	12	94,00000	7,83333

Depend.: GGaluGA265969	Kruskal-Wallis ANOVA by Ranks; GGaluGA265969 (подсчет аллели - комбинир группы Statistica) Independent (grouping) variable: breed Kruskal-Wallis test: H (1, N= 28) =,6742295 p =,4116			
	Code	Valid N	Sum of Ranks	Mean Rank
	dpb	103	24	335,5000
b	104	4	70,5000	13,97917
				17,62500

Depend.: GGaluGA265969	Kruskal-Wallis ANOVA by Ranks; GGaluGA265969 (подсчет аллели - комбинир группы Statistica) Independent (grouping) variable: breed Kruskal-Wallis test: H (1, N= 36) =6,955584 p =,0084			
	Code	Valid N	Sum of Ranks	Mean Rank
	dpb	103	24	522,5000
d	105	12	143,5000	21,77083
				11,95833

Depend.: GGaluGA265969	Kruskal-Wallis ANOVA by Ranks; GGaluGA265969 (подсчет аллели - комбинир группы Statistica) Independent (grouping) variable: breed Kruskal-Wallis test: H (1, N= 16) =3,591181 p =,0581			
	Code	Valid N	Sum of Ranks	Mean Rank
	d	105	12	86,50000
b	104	4	49,50000	7,20833
				12,37500

Depend.: GGaluGA265969	Kruskal-Wallis ANOVA by Ranks; GGaluGA265969 (подсчет аллели - комбинир группы Statistica) Independent (grouping) variable: breed Kruskal-Wallis test: H (4, N= 49) =12,76570 p =,0125			
	Code	Valid N	Sum of Ranks	Mean Rank
	egg	101	5	173,5000
m	102	4	62,5000	34,70000
dpb	103	24	678,5000	15,62500
b	104	4	133,0000	28,27083
d	105	12	177,5000	33,25000
				14,79167

GGaluGA265969	egg	m	dpb	b	d
egg		0.014	0.312	0.902	0.029
m			0.048	0.110	0.327
dpb				0.411	0.008
b					0.058

b: GGaluGA265966

Depend.: GGaluGA265966	Kruskal-Wallis ANOVA by Ranks; GGaluGA265966 (подсчет аллели - комбинир группы Statistic Independent (grouping) variable: breed Kruskal-Wallis test: H (4, N= 49) =6,132758 p =,1895			
	Code	Valid N	Sum of Ranks	Mean Rank
	egg	101	5	59,5000
	m	102	4	111,5000
	dpb	103	24	680,5000
	b	104	4	105,0000
	d	105	12	268,5000
Depend.: GGaluGA265966	Kruskal-Wallis ANOVA by Ranks; GGaluGA265966 (подсчет аллели - комбинир группы Statistic Independent (grouping) variable: breed Kruskal-Wallis test: H (1, N= 9) =3,872269 p =,0491			
	Code	Valid N	Sum of Ranks	Mean Rank
	egg	101	5	17,00000
Depend.: GGaluGA265966	m	102	4	28,00000
Depend.: GGaluGA265966	Kruskal-Wallis ANOVA by Ranks; GGaluGA265966 (подсчет аллели - комбинир группы Statistic Independent (grouping) variable: breed Kruskal-Wallis test: H (1, N= 9) =2,964706 p =,0851			
	Code	Valid N	Sum of Ranks	Mean Rank
	egg	101	5	18,00000
	b	104	4	27,00000
Depend.: GGaluGA265966	Kruskal-Wallis ANOVA by Ranks; GGaluGA265966 (подсчет аллели - комбинир группы Statistic Independent (grouping) variable: breed Kruskal-Wallis test: H (1, N= 17) =1,473055 p =,2249			
	Code	Valid N	Sum of Ranks	Mean Rank
	egg	101	5	33,5000
Depend.: GGaluGA265966	d	105	12	119,5000
Depend.: GGaluGA265966	Kruskal-Wallis ANOVA by Ranks; GGaluGA265966 (подсчет аллели - комбинир группы Statistic Independent (grouping) variable: breed Kruskal-Wallis test: H (1, N= 28) =,0388782 p =,8437			
	Code	Valid N	Sum of Ranks	Mean Rank
	m	102	4	55,0000
	dpb	103	24	351,0000
Depend.: GGaluGA265966	Kruskal-Wallis ANOVA by Ranks; GGaluGA265966 (подсчет аллели - комбинир группы Statistic Independent (grouping) variable: breed Kruskal-Wallis test: H (1, N= 8) =0,000000 p =1,000			
	Code	Valid N	Sum of Ranks	Mean Rank
	m	102	4	18,00000
	b	104	4	18,00000
Depend.: GGaluGA265966	Kruskal-Wallis ANOVA by Ranks; GGaluGA265966 (подсчет аллели - комбинир группы Statistic Independent (grouping) variable: breed Kruskal-Wallis test: H (1, N= 16) =,6222386 p =,4302			
	Code	Valid N	Sum of Ranks	Mean Rank
	m	102	4	40,50000
	d	105	12	95,50000
Depend.: GGaluGA265966	Kruskal-Wallis ANOVA by Ranks; GGaluGA265966 (подсчет аллели - комбинир группы Statistic Independent (grouping) variable: breed Kruskal-Wallis test: H (1, N= 28) =,1556410 p =,6932			
	Code	Valid N	Sum of Ranks	Mean Rank
	dpb	103	24	354,0000
Depend.: GGaluGA265966	b	104	4	52,0000

Depend.: GGaluGA265966	Kruskal-Wallis ANOVA by Ranks; GGaluGA265966 (подсчет аллели - комбинир группы Statistica) Independent (grouping) variable: breed Kruskal-Wallis test: H (1, N= 36) =1,191618 p =,2750			
	Code	Valid N	Sum of Ranks	Mean Rank
	dpb	103	24	476,5000
	d	105	12	189,5000
Depend.: GGaluGA265966	Kruskal-Wallis ANOVA by Ranks; GGaluGA265966 (подсчет аллели - комбинир группы Statistica) Independent (grouping) variable: breed Kruskal-Wallis test: H (1, N= 16) =,2359882 p =,6271			
	Code	Valid N	Sum of Ranks	Mean Rank
	b	104	4	38,00000
	d	105	12	98,00000

GGaluGA265966	egg	m	dpb	b	d
egg		0.049	0.024	0.085	0.224
m			0.843	1.00	0.430
dpb				0.693	0.275
b					0.627

c: rs15619223

Kruskal-Wallis ANOVA by Ranks; rs15619223 (подсчет аллели - комбинир группы Statistica Independent (grouping) variable: breed Kruskal-Wallis test: H (4, N= 49) =20,29185 p =,0004				
Depend.: rs15619223	Code	Valid N	Sum of Ranks	Mean Rank
egg	101	5	28,0000	5,60000
m	102	4	168,5000	42,12500
dpb	103	24	675,5000	28,14583
b	104	4	134,0000	33,50000
d	105	12	219,0000	18,25000

Kruskal-Wallis ANOVA by Ranks; rs15619223 (подсчет аллели - комбинир группы Statistica Independent (grouping) variable: breed Kruskal-Wallis test: H (1, N= 9) =6,206897 p =,0127				
Depend.: rs15619223	Code	Valid N	Sum of Ranks	Mean Rank
egg	101	5	15,00000	3,000000
m	102	4	30,00000	7,500000

Kruskal-Wallis ANOVA by Ranks; rs15619223 (подсчет аллели - комбинир группы Statistica Independent (grouping) variable: breed Kruskal-Wallis test: H (1, N= 29) =10,47139 p =,0012				
Depend.: rs15619223	Code	Valid N	Sum of Ranks	Mean Rank
egg	101	5	19,0000	3,80000
dpb	103	24	416,0000	17,33333

Kruskal-Wallis ANOVA by Ranks; rs15619223 (подсчет аллели - комбинир группы Statistica Independent (grouping) variable: breed Kruskal-Wallis test: H (1, N= 9) =6,000000 p =,0143				
Depend.: rs15619223	Code	Valid N	Sum of Ranks	Mean Rank
egg	101	5	15,00000	3,000000
b	104	4	30,00000	7,500000

Kruskal-Wallis ANOVA by Ranks; rs15619223 (подсчет аллели - комбинир группы Statistica Independent (grouping) variable: breed Kruskal-Wallis test: H (1, N= 17) =4,906012 p =,0268				
Depend.: rs15619223	Code	Valid N	Sum of Ranks	Mean Rank
egg	101	5	24,0000	4,80000
d	105	12	129,0000	10,75000

Kruskal-Wallis ANOVA by Ranks; rs15619223 (подсчет аллели - комбинир группы Statistica Independent (grouping) variable: breed Kruskal-Wallis test: H (1, N= 28) =4,744606 p =,0294				
Depend.: rs15619223	Code	Valid N	Sum of Ranks	Mean Rank
m	102	4	91,0000	22,75000
dpb	103	24	315,0000	13,12500

Kruskal-Wallis ANOVA by Ranks; rs15619223 (подсчет аллели - комбинир группы Statistica Independent (grouping) variable: breed Kruskal-Wallis test: H (1, N= 8) =2,187500 p =,1391				
Depend.: rs15619223	Code	Valid N	Sum of Ranks	Mean Rank
m	102	4	23,00000	5,750000
b	104	4	13,00000	3,250000

Kruskal-Wallis ANOVA by Ranks; rs15619223 (подсчет аллели - комбинир группы Statistica Independent (grouping) variable: breed Kruskal-Wallis test: H (1, N= 16) =6,281764 p =,0122				
Depend.: rs15619223	Code	Valid N	Sum of Ranks	Mean Rank
m	102	4	54,50000	13,62500
d	105	12	81,50000	6,79167

Depend.: rs15619223	Kruskal-Wallis ANOVA by Ranks; rs15619223 (подсчет аллели - комбинир группы Statistica Independent (grouping) variable: breed Kruskal-Wallis test: H (1, N= 28) =,7302469 p =,3928			
	Code	Valid N	Sum of Ranks	Mean Rank
	dpb	103	24	335,0000
	b	104	4	71,0000
Depend.: rs15619223	Kruskal-Wallis ANOVA by Ranks; rs15619223 (подсчет аллели - комбинир группы Statistica Independent (grouping) variable: breed Kruskal-Wallis test: H (1, N= 36) =4,844456 p =,0277			
	Code	Valid N	Sum of Ranks	Mean Rank
	dpb	103	24	509,5000
	d	105	12	156,5000
Depend.: rs15619223	Kruskal-Wallis ANOVA by Ranks; rs15619223 (подсчет аллели - комбинир группы Statistica Independent (grouping) variable: breed Kruskal-Wallis test: H (1, N= 16) =3,770250 p =,0522			
	Code	Valid N	Sum of Ranks	Mean Rank
	d	105	12	86,00000
	b	104	4	50,00000

rs15619223	egg	m	dpb	b	d
egg		0.0127	0.0012	0.0143	0.0268
m			0.029	0.139	0.0122
dpb				0.392	0.027
b					0.052

d: rs14491017

Kruskal-Wallis ANOVA by Ranks; rs14491017 (подсчет аллели - комбинир группы Statisti Independent (grouping) variable: breed Kruskal-Wallis test: H (4, N= 49) =17,20866 p =,0018					
Depend.: rs14491017	Code	Valid N	Sum of Ranks	Mean Rank	
egg	101	5	213,5000	42,70000	
m	102	4	22,5000	5,62500	
dpb	103	24	551,0000	22,95833	
b	104	4	82,0000	20,50000	
d	105	12	356,0000	29,66667	
Kruskal-Wallis ANOVA by Ranks; rs14491017 (подсчет аллели - комбинир группы Statisti Independent (grouping) variable: breed Kruskal-Wallis test: H (1, N= 9) =6,050420 p =,0139					
Depend.: rs14491017	Code	Valid N	Sum of Ranks	Mean Rank	
egg	101	5	35,00000	7,000000	
m	102	4	10,00000	2,500000	
Kruskal-Wallis ANOVA by Ranks; rs14491017 (подсчет аллели - комбинир группы Statisti Independent (grouping) variable: breed Kruskal-Wallis test: H (1, N= 29) =9,557311 p =,0020					
Depend.: rs14491017	Code	Valid N	Sum of Ranks	Mean Rank	
egg	101	5	128,5000	25,70000	
dpb	103	24	306,5000	12,77083	
Kruskal-Wallis ANOVA by Ranks; rs14491017 (подсчет аллели - комбинир группы Statisti Independent (grouping) variable: breed Kruskal-Wallis test: H (1, N= 17) =2,861981 p =,0907					
Depend.: rs14491017	Code	Valid N	Sum of Ranks	Mean Rank	
egg	101	5	61,00000	12,20000	
d	105	12	92,00000	7,66667	
Kruskal-Wallis ANOVA by Ranks; rs14491017 (подсчет аллели - комбинир группы Statisti Independent (grouping) variable: breed Kruskal-Wallis test: H (1, N= 9) =4,900840 p =,0268					
Depend.: rs14491017	Code	Valid N	Sum of Ranks	Mean Rank	
egg	101	5	34,00000	6,800000	
b	104	4	11,00000	2,750000	
Kruskal-Wallis ANOVA by Ranks; rs14491017 (подсчет аллели - комбинир группы Statisti Independent (grouping) variable: breed Kruskal-Wallis test: H (1, N= 28) =8,356262 p =,0038					
Depend.: rs14491017	Code	Valid N	Sum of Ranks	Mean Rank	
m	102	4	14,0000	3,50000	
dpb	103	24	392,0000	16,33333	
Kruskal-Wallis ANOVA by Ranks; rs14491017 (подсчет аллели - комбинир группы Statisti Independent (grouping) variable: breed Kruskal-Wallis test: H (1, N= 8) =1,707831 p =,1913					
Depend.: rs14491017	Code	Valid N	Sum of Ranks	Mean Rank	
m	102	4	13,50000	3,375000	
b	104	4	22,50000	5,625000	

Depend.: rs14491017	Kruskal-Wallis ANOVA by Ranks; rs14491017 (подсчет аллели - комбинир группы Statistic Independent (grouping) variable: breed Kruskal-Wallis test: H (1, N= 16) =5,316642 p =,0211				
	Code	Valid N	Sum of Ranks	Mean Rank	
	m	102	4	15,0000	3,75000
	d	105	12	121,0000	10,08333
Depend.: rs14491017	Kruskal-Wallis ANOVA by Ranks; rs14491017 (подсчет аллели - комбинир группы Statistic Independent (grouping) variable: breed Kruskal-Wallis test: H (1, N= 28) =,1555129 p =,6933				
	Code	Valid N	Sum of Ranks	Mean Rank	
	dpb	103	24	354,0000	14,75000
	b	104	4	52,0000	13,00000
Depend.: rs14491017	Kruskal-Wallis ANOVA by Ranks; rs14491017 (подсчет аллели - комбинир группы Statistic Independent (grouping) variable: breed Kruskal-Wallis test: H (1, N= 36) =2,333465 p =,1266				
	Code	Valid N	Sum of Ranks	Mean Rank	
	dpb	103	24	398,5000	16,60417
	d	105	12	267,5000	22,29167
Depend.: rs14491017	Kruskal-Wallis ANOVA by Ranks; rs14491017 (подсчет аллели - комбинир группы Statistic Independent (grouping) variable: breed Kruskal-Wallis test: H (1, N= 16) =,8296460 p =,3624				
	Code	Valid N	Sum of Ranks	Mean Rank	
	b	104	4	26,5000	6,625000
	d	105	12	109,5000	9,125000

rs14491017	egg	m	dpb	b	d
egg		0.013	0.002	0.026	0.09
m			0.003	0.191	0.211
dpb				0.693	0.126
b					0.362

e: rs14491028

Depend.: rs14491028	Kruskal-Wallis ANOVA by Ranks; rs14491028 (подсчет аллели - комбинир группы Statistica Independent (grouping) variable: breed Kruskal-Wallis test: H (4, N= 49) =12,08244 p =,0167			
	Code	Valid N	Sum of Ranks	Mean Rank
	egg	101	5	222,5000
	m	102	4	63,0000
	dpb	103	24	575,0000
	b	104	4	72,5000
Depend.: rs14491028	Kruskal-Wallis ANOVA by Ranks; rs14491028 (подсчет аллели - комбинир группы Statistica Independent (grouping) variable: breed Kruskal-Wallis test: H (1, N= 9) =6,000000 p =,0143			
	Code	Valid N	Sum of Ranks	Mean Rank
	egg	101	5	35,00000
	m	102	4	10,00000
Depend.: rs14491028	Kruskal-Wallis ANOVA by Ranks; rs14491028 (подсчет аллели - комбинир группы Statistica Independent (grouping) variable: breed Kruskal-Wallis test: H (1, N= 29) =10,47914 p =,0012			
	Code	Valid N	Sum of Ranks	Mean Rank
	egg	101	5	131,0000
	dpb	103	24	304,0000
Depend.: rs14491028	Kruskal-Wallis ANOVA by Ranks; rs14491028 (подсчет аллели - комбинир группы Statistica Independent (grouping) variable: breed Kruskal-Wallis test: H (1, N= 9) =6,000000 p =,0143			
	Code	Valid N	Sum of Ranks	Mean Rank
	egg	101	5	35,00000
	b	104	4	10,00000
Depend.: rs14491028	Kruskal-Wallis ANOVA by Ranks; rs14491028 (подсчет аллели - комбинир группы Statistica Independent (grouping) variable: breed Kruskal-Wallis test: H (1, N= 17) =5,148731 p =,0233			
	Code	Valid N	Sum of Ranks	Mean Rank
	egg	101	5	66,50000
	d	105	12	86,50000
Depend.: rs14491028	Kruskal-Wallis ANOVA by Ranks; rs14491028 (подсчет аллели - комбинир группы Statistica Independent (grouping) variable: breed Kruskal-Wallis test: H (1, N= 28) =1,249108 p =,2637			
	Code	Valid N	Sum of Ranks	Mean Rank
	m	102	4	41,0000
	dpb	103	24	365,0000
Depend.: rs14491028	Kruskal-Wallis ANOVA by Ranks; rs14491028 (подсчет аллели - комбинир группы Statistica Independent (grouping) variable: breed Kruskal-Wallis test: H (1, N= 8) =,1897590 p =,6631			
	Code	Valid N	Sum of Ranks	Mean Rank
	m	102	4	16,50000
	b	104	4	19,50000
Depend.: rs14491028	Kruskal-Wallis ANOVA by Ranks; rs14491028 (подсчет аллели - комбинир группы Statistica Independent (grouping) variable: breed Kruskal-Wallis test: H (1, N= 16) =1,065634 p =,3019			
	Code	Valid N	Sum of Ranks	Mean Rank
	m	102	4	25,5000
	d	105	12	110,5000

Depend.: rs14491028	Kruskal-Wallis ANOVA by Ranks; rs14491028 (подсчет аллели - комбинир группы Statistica Independent (grouping) variable: breed Kruskal-Wallis test: H (1, N= 28) =,7879323 p =,3747			
	Code	Valid N	Sum of Ranks	Mean Rank
	dpb	103	24	361,5000
	b	104	4	44,5000
Depend.: rs14491028	Kruskal-Wallis ANOVA by Ranks; rs14491028 (подсчет аллели - комбинир группы Statistica Independent (grouping) variable: breed Kruskal-Wallis test: H (1, N= 36) =,2820E-3 p =,9866			
	Code	Valid N	Sum of Ranks	Mean Rank
	dpb	103	24	444,5000
	d	105	12	221,5000
Depend.: rs14491028	Kruskal-Wallis ANOVA by Ranks; rs14491028 (подсчет аллели - комбинир группы Statistica Independent (grouping) variable: breed Kruskal-Wallis test: H (1, N= 16) =,4481481 p =,5032			
	Code	Valid N	Sum of Ranks	Mean Rank
	b	104	4	28,5000
	d	105	12	107,5000

rs14491028	egg	m	dpb	b	d
egg		0.0143	0.0012	0.0143	0.023
m			0.263	0.663	0.301
dpb				0.374	0.986
b					0.503

Supporting Info S2 (f–j): Significance levels of differences in allele frequencies for the five SNPs with dividing the dual purpose group of chickens into the meat-egg and egg-meat subgroups within TCM and using the Kruskal –Wallis test for ANOVA by ranks. Groups: egg, egg-type; m, meat-type; egm, egg-meat; meg, meat-egg; b, Bantam; and de, fancy (decorative).

f: GGaluGA265969

Kruskal-Wallis ANOVA by Ranks; GGaluGA265969 (подсчет аллели - комбинир группы Statistica)		Independent (grouping) variable: breed			Kruskal-Wallis test: H (5, N= 49) =12,86262 p =,0247	
Depend.: GGaluGA265969	Code	Valid N	Sum of Ranks	Mean Rank		
egg	101	5	173,5000	34,70000		
m	102	4	62,5000	15,62500		
egm	103	7	188,0000	26,85714		
meg	104	17	490,5000	28,85294		
b	105	4	133,0000	33,25000		
de	106	12	177,5000	14,79167		
Kruskal-Wallis ANOVA by Ranks; GGaluGA265969 (подсчет аллели - комбинир группы Statistica)		Independent (grouping) variable: breed			Kruskal-Wallis test: H (1, N= 12) =,7978022 p =,3718	
Depend.: GGaluGA265969	Code	Valid N	Sum of Ranks	Mean Rank		
egg	101	5	38,00000	7,600000		
egm	103	7	40,00000	5,714286		
Kruskal-Wallis ANOVA by Ranks; GGaluGA265969 (подсчет аллели - комбинир группы Statistica)		Independent (grouping) variable: breed			Kruskal-Wallis test: H (1, N= 22) =,8848868 p =,3469	
Depend.: GGaluGA265969	Code	Valid N	Sum of Ranks	Mean Rank		
egg	101	5	69,5000	13,90000		
meg	104	17	183,5000	10,79412		
Kruskal-Wallis ANOVA by Ranks; GGaluGA265969 (подсчет аллели - комбинир группы Statistica)		Independent (grouping) variable: breed			Kruskal-Wallis test: H (1, N= 11) =2,919397 p =,0875	
Depend.: GGaluGA265969	Code	Valid N	Sum of Ranks	Mean Rank		
m	102	4	15,00000	3,750000		
egm	103	7	51,00000	7,285714		
Kruskal-Wallis ANOVA by Ranks; GGaluGA265969 (подсчет аллели - комбинир группы Statistica)		Independent (grouping) variable: breed			Kruskal-Wallis test: H (1, N= 21) =3,544338 p =,0597	
Depend.: GGaluGA265969	Code	Valid N	Sum of Ranks	Mean Rank		
m	102	4	23,0000	5,75000		
meg	104	17	208,0000	12,23529		
Kruskal-Wallis ANOVA by Ranks; GGaluGA265969 (подсчет аллели - комбинир группы Statistica)		Independent (grouping) variable: breed			Kruskal-Wallis test: H (1, N= 24) =,2271871 p =,6336	
Depend.: GGaluGA265969	Code	Valid N	Sum of Ranks	Mean Rank		
egm	103	7	80,0000	11,42857		
meg	104	17	220,0000	12,94118		
Kruskal-Wallis ANOVA by Ranks; GGaluGA265969 (подсчет аллели - комбинир группы Statistica)		Independent (grouping) variable: breed			Kruskal-Wallis test: H (1, N= 11) =,5714286 p =,4497	
Depend.: GGaluGA265969	Code	Valid N	Sum of Ranks	Mean Rank		
b	105	4	28,00000	7,000000		
egm	103	7	38,00000	5,428571		

Depend.: GGaluGA265969	Kruskal-Wallis ANOVA by Ranks; GGaluGA265969 (подсчет аллели - комбинир группы Statistica) Independent (grouping) variable: breed Kruskal-Wallis test: H (1, N= 21) =,5802991 p =,4462			
	Code	Valid N	Sum of Ranks	Mean Rank
	b	105	4	52,5000
	meg	104	17	178,5000
Depend.: GGaluGA265969	Kruskal-Wallis ANOVA by Ranks; GGaluGA265969 (подсчет аллели - комбинир группы Statistica) Independent (grouping) variable: breed Kruskal-Wallis test: H (1, N= 19) =3,183511 p =,0744			
	Code	Valid N	Sum of Ranks	Mean Rank
	de	106	12	99,00000
	egm	103	7	91,00000
Depend.: GGaluGA265969	Kruskal-Wallis ANOVA by Ranks; GGaluGA265969 (подсчет аллели - комбинир группы Statistica) Independent (grouping) variable: breed Kruskal-Wallis test: H (1, N= 29) =6,505275 p =,0108			
	Code	Valid N	Sum of Ranks	Mean Rank
	de	106	12	122,5000
	meg	104	17	312,5000

g: GGaluGA265966

Depend.: GGaluGA265966		Kruskal-Wallis ANOVA by Ranks; GGaluGA265966 (подсчет аллели - комбинир группы Statistica) Independent (grouping) variable: breed Kruskal-Wallis test: H (5, N= 49) =8,462166 p =,1325			
		Code	Valid N	Sum of Ranks	Mean Rank
egg		101	5	59,5000	11,90000
m		102	4	111,5000	27,87500
egm		103	7	247,0000	35,28571
meg		104	17	433,5000	25,50000
b		105	4	105,0000	26,25000
de		106	12	268,5000	22,37500
Depend.: GGaluGA265966		Kruskal-Wallis ANOVA by Ranks; GGaluGA265966 (подсчет аллели - комбинир группы Statistica) Independent (grouping) variable: breed Kruskal-Wallis test: H (1, N= 12) =5,564511 p =,0183			
		Code	Valid N	Sum of Ranks	Mean Rank
egg		101	5	18,00000	3,600000
egm		103	7	60,00000	8,571429
Depend.: GGaluGA265966		Kruskal-Wallis ANOVA by Ranks; GGaluGA265966 (подсчет аллели - комбинир группы Statistica) Independent (grouping) variable: breed Kruskal-Wallis test: H (1, N= 22) =3,694830 p =,0546			
		Code	Valid N	Sum of Ranks	Mean Rank
egg		101	5	33,0000	6,60000
meg		104	17	220,0000	12,94118
Depend.: GGaluGA265966		Kruskal-Wallis ANOVA by Ranks; GGaluGA265966 (подсчет аллели - комбинир группы Statistica) Independent (grouping) variable: breed Kruskal-Wallis test: H (1, N= 11) =1,285714 p =,2568			
		Code	Valid N	Sum of Ranks	Mean Rank
m		102	4	18,00000	4,500000
egm		103	7	48,00000	6,857143
Depend.: GGaluGA265966		Kruskal-Wallis ANOVA by Ranks; GGaluGA265966 (подсчет аллели - комбинир группы Statistica) Independent (grouping) variable: breed Kruskal-Wallis test: H (1, N= 21) =,0725222 p =,7877			
		Code	Valid N	Sum of Ranks	Mean Rank
m		102	4	47,0000	11,75000
meg		104	17	184,0000	10,82353
Depend.: GGaluGA265966		Kruskal-Wallis ANOVA by Ranks; GGaluGA265966 (подсчет аллели - комбинир группы Statistica) Independent (grouping) variable: breed Kruskal-Wallis test: H (1, N= 11) =2,285714 p =,1306			
		Code	Valid N	Sum of Ranks	Mean Rank
b		105	4	16,00000	4,000000
egm		103	7	50,00000	7,142857
Depend.: GGaluGA265966		Kruskal-Wallis ANOVA by Ranks; GGaluGA265966 (подсчет аллели - комбинир группы Statistica) Independent (grouping) variable: breed Kruskal-Wallis test: H (1, N= 21) =,0322953 p =,8574			
		Code	Valid N	Sum of Ranks	Mean Rank
b		105	4	46,0000	11,50000
meg		104	17	185,0000	10,88235

Depend.: GGaluGA265966	Kruskal-Wallis ANOVA by Ranks; GGaluGA265966 (подсчет аллели - комбинир группы Statistica) Independent (grouping) variable: breed Kruskal-Wallis test: H (1, N= 29) =,4424843 p =,5059			
	Code	Valid N	Sum of Ranks	Mean Rank
	de	106	12	165,0000
	meg	104	17	270,0000
Depend.: GGaluGA265966	Kruskal-Wallis ANOVA by Ranks; GGaluGA265966 (подсчет аллели - комбинир группы Statistica) Independent (grouping) variable: breed Kruskal-Wallis test: H (1, N= 19) =2,189421 p =,1390			
	Code	Valid N	Sum of Ranks	Mean Rank
	de	106	12	102,5000
	egm	103	7	87,5000

h: rs15619223

Depend.: rs15619223	Kruskal-Wallis ANOVA by Ranks; rs15619223 (подсчет аллели - комбинир группы Statistica) Independent (grouping) variable: breed Kruskal-Wallis test: H (5, N= 49) =20,30385 p =,0011			
	Code	Valid N	Sum of Ranks	Mean Rank
	egg	101	5	28,0000
	m	102	4	168,5000
	egm	103	7	200,5000
	meg	104	17	475,0000
	b	105	4	134,0000
	de	106	12	219,0000

Depend.: rs15619223	Kruskal-Wallis ANOVA by Ranks; rs15619223 (подсчет аллели - комбинир группы Statistica) Independent (grouping) variable: breed Kruskal-Wallis test: H (1, N= 12) =7,180220 p =,0074			
	Code	Valid N	Sum of Ranks	Mean Rank
	egg	101	5	16,00000
	egm	103	7	62,00000

Depend.: rs15619223	Kruskal-Wallis ANOVA by Ranks; rs15619223 (подсчет аллели - комбинир группы Statistica) Independent (grouping) variable: breed Kruskal-Wallis test: H (1, N= 22) =9,582393 p =,0020			
	Code	Valid N	Sum of Ranks	Mean Rank
	egg	101	5	18,0000
	meg	104	17	235,0000

Depend.: rs15619223	Kruskal-Wallis ANOVA by Ranks; rs15619223 (подсчет аллели - комбинир группы Statistica) Independent (grouping) variable: breed Kruskal-Wallis test: H (1, N= 11) =3,376701 p =,0661			
	Code	Valid N	Sum of Ranks	Mean Rank
	m	102	4	33,50000
	egm	103	7	32,50000

Depend.: rs15619223	Kruskal-Wallis ANOVA by Ranks; rs15619223 (подсчет аллели - комбинир группы Statistica) Independent (grouping) variable: breed Kruskal-Wallis test: H (1, N= 21) =4,491054 p =,0341			
	Code	Valid N	Sum of Ranks	Mean Rank
	m	102	4	67,5000
	meg	104	17	163,5000

Depend.: rs15619223	Kruskal-Wallis ANOVA by Ranks; rs15619223 (подсчет аллели - комбинир группы Statistica) Independent (grouping) variable: breed Kruskal-Wallis test: H (1, N= 24) =,0161837 p =,8988			
	Code	Valid N	Sum of Ranks	Mean Rank
	egm	103	7	89,5000
	meg	104	17	210,5000

Depend.: rs15619223	Kruskal-Wallis ANOVA by Ranks; rs15619223 (подсчет аллели - комбинир группы Statistica) Independent (grouping) variable: breed Kruskal-Wallis test: H (1, N= 11) =,3214286 p =,5708			
	Code	Valid N	Sum of Ranks	Mean Rank
	b	105	4	27,00000
	egm	103	7	39,00000

		Kruskal-Wallis ANOVA by Ranks; rs15619223 (подсчет апелли - комбинир группы Statistica)							
		Independent (grouping) variable: breed							
		Kruskal-Wallis test: H (1, N= 21) =,8037047 p =,3700							
Depend.: rs15619223	Code	Valid N	Sum of Ranks	Mean Rank					
b	105	4	54,0000	13,50000					
meg	104	17	177,0000	10,41176					

		Kruskal-Wallis ANOVA by Ranks; rs15619223 (подсчет апелли - комбинир группы Statistica)							
		Independent (grouping) variable: breed							
		Kruskal-Wallis test: H (1, N= 19) =2,725635 p =,0987							
Depend.: rs15619223	Code	Valid N	Sum of Ranks	Mean Rank					
de	106	12	100,5000	8,37500					
egm	103	7	89,5000	12,78571					

		Kruskal-Wallis ANOVA by Ranks; rs15619223 (подсчет апелли - комбинир группы Statistica)							
		Independent (grouping) variable: breed							
		Kruskal-Wallis test: H (1, N= 29) =4,158237 p =,0414							
Depend.: rs15619223	Code	Valid N	Sum of Ranks	Mean Rank					
de	106	12	134,0000	11,16667					
meg	104	17	301,0000	17,70588					

i: rs14491017

Kruskal-Wallis ANOVA by Ranks; rs14491017 (подсчет аллели - комбинир группы Statistic Independent (grouping) variable: breed Kruskal-Wallis test: H (5, N= 49) =18,11088 p =,0028				
Depend.: rs14491017	Code	Valid N	Sum of Ranks	Mean Rank
egg	101	5	213,5000	42,70000
m	102	4	22,5000	5,62500
egm	103	7	130,5000	18,64286
meg	104	17	420,5000	24,73529
b	105	4	82,0000	20,50000
de	106	12	356,0000	29,66667
Kruskal-Wallis ANOVA by Ranks; rs14491017 (подсчет аллели - комбинир группы Statistic Independent (grouping) variable: breed Kruskal-Wallis test: H (1, N= 12) =7,205414 p =,0073				
Depend.: rs14491017	Code	Valid N	Sum of Ranks	Mean Rank
egg	101	5	49,00000	9,800000
egm	103	7	29,00000	4,142857
Kruskal-Wallis ANOVA by Ranks; rs14491017 (подсчет аллели - комбинир группы Statistic Independent (grouping) variable: breed Kruskal-Wallis test: H (1, N= 22) =8,436415 p =,0037				
Depend.: rs14491017	Code	Valid N	Sum of Ranks	Mean Rank
egg	101	5	94,5000	18,90000
meg	104	17	158,5000	9,32353
Kruskal-Wallis ANOVA by Ranks; rs14491017 (подсчет аллели - комбинир группы Statistic Independent (grouping) variable: breed Kruskal-Wallis test: H (1, N= 11) =6,035714 p =,0140				
Depend.: rs14491017	Code	Valid N	Sum of Ranks	Mean Rank
m	102	4	11,00000	2,750000
egm	103	7	55,00000	7,857143
Kruskal-Wallis ANOVA by Ranks; rs14491017 (подсчет аллели - комбинир группы Statistic Independent (grouping) variable: breed Kruskal-Wallis test: H (1, N= 21) =7,733665 p =,0054				
Depend.: rs14491017	Code	Valid N	Sum of Ranks	Mean Rank
m	102	4	13,0000	3,25000
meg	104	17	218,0000	12,82353
Kruskal-Wallis ANOVA by Ranks; rs14491017 (подсчет аллели - комбинир группы Statistic Independent (grouping) variable: breed Kruskal-Wallis test: H (1, N= 24) =2,426451 p =,1193				
Depend.: rs14491017	Code	Valid N	Sum of Ranks	Mean Rank
egm	103	7	63,0000	9,00000
meg	104	17	237,0000	13,94118
Kruskal-Wallis ANOVA by Ranks; rs14491017 (подсчет аллели - комбинир группы Statistic Independent (grouping) variable: breed Kruskal-Wallis test: H (1, N= 11) =,0357143 p =,8501				
Depend.: rs14491017	Code	Valid N	Sum of Ranks	Mean Rank
b	105	4	23,00000	5,750000
egm	103	7	43,00000	6,142857

Depend.: rs14491017	Kruskal-Wallis ANOVA by Ranks; rs14491017 (подсчет аллели - комбинир группы Statistic Independent (grouping) variable: breed Kruskal-Wallis test: H (1, N= 21) =,2015819 p =,6534			
	Code	Valid N	Sum of Ranks	Mean Rank
	b	105	4	39,0000
	meg	104	17	192,0000
Depend.: rs14491017	Kruskal-Wallis ANOVA by Ranks; rs14491017 (подсчет аллели - комбинир группы Statistic Independent (grouping) variable: breed Kruskal-Wallis test: H (1, N= 29) =1,539530 p =,2147			
	Code	Valid N	Sum of Ranks	Mean Rank
	de	106	12	208,0000
	meg	104	17	227,0000
Depend.: rs14491017	Kruskal-Wallis ANOVA by Ranks; rs14491017 (подсчет аллели - комбинир группы Statistic Independent (grouping) variable: breed Kruskal-Wallis test: H (1, N= 19) =2,191344 p =,1388			
	Code	Valid N	Sum of Ranks	Mean Rank
	de	106	12	137,5000
	egm	103	7	52,5000

j: rs14491028

Depend.: rs14491028		Kruskal-Wallis ANOVA by Ranks; rs14491028 (подсчет аллели - комбинир группы Statistica Independent (grouping) variable: breed Kruskal-Wallis test: H (5, N= 49) =16,88817 p =,0047		
	Code	Valid N	Sum of Ranks	Mean Rank
egg	101	5	222,5000	44,50000
m	102	4	63,0000	15,75000
egm	103	7	98,0000	14,00000
meg	104	17	477,0000	28,05882
b	105	4	72,5000	18,12500
de	106	12	292,0000	24,33333
Depend.: rs14491028		Kruskal-Wallis ANOVA by Ranks; rs14491028 (подсчет аллели - комбинир группы Statistica Independent (grouping) variable: breed Kruskal-Wallis test: H (1, N= 12) =8,076923 p =,0045		
	Code	Valid N	Sum of Ranks	Mean Rank
egg	101	5	50,00000	10,00000
egm	103	7	28,00000	4,00000
Depend.: rs14491028		Kruskal-Wallis ANOVA by Ranks; rs14491028 (подсчет аллели - комбинир группы Statistica Independent (grouping) variable: breed Kruskal-Wallis test: H (1, N= 21) =3,229527 p =,0723		
	Code	Valid N	Sum of Ranks	Mean Rank
m	102	4	24,0000	6,00000
meg	104	17	207,0000	12,17647
Depend.: rs14491028		Kruskal-Wallis ANOVA by Ranks; rs14491028 (подсчет аллели - комбинир группы Statistica Independent (grouping) variable: breed Kruskal-Wallis test: H (1, N= 11) =,3214286 p =,5708		
	Code	Valid N	Sum of Ranks	Mean Rank
m	102	4	27,00000	6,750000
egm	103	7	39,00000	5,571429
Depend.: rs14491028		Kruskal-Wallis ANOVA by Ranks; rs14491028 (подсчет аллели - комбинир группы Statistica Independent (grouping) variable: breed Kruskal-Wallis test: H (1, N= 24) =5,697039 p =,0170		
	Code	Valid N	Sum of Ranks	Mean Rank
egm	103	7	50,0000	7,14286
meg	104	17	250,0000	14,70588
Depend.: rs14491028		Kruskal-Wallis ANOVA by Ranks; rs14491028 (подсчет аллели - комбинир группы Statistica Independent (grouping) variable: breed Kruskal-Wallis test: H (1, N= 11) =,3214286 p =,5708		
	Code	Valid N	Sum of Ranks	Mean Rank
b	105	4	27,00000	6,750000
egm	103	7	39,00000	5,571429
Depend.: rs14491028		Kruskal-Wallis ANOVA by Ranks; rs14491028 (подсчет аллели - комбинир группы Statistica Independent (grouping) variable: breed Kruskal-Wallis test: H (1, N= 21) =2,199534 p =,1381		
	Code	Valid N	Sum of Ranks	Mean Rank
b	105	4	27,5000	6,87500
meg	104	17	203,5000	11,97059

Depend.: rs14491028	Kruskal-Wallis ANOVA by Ranks; rs14491028 (подсчет аллели - комбинир группы Statistica Independent (grouping) variable: breed Kruskal-Wallis test: H (1, N= 19) =1,833396 p =,1757			
	Code	Valid N	Sum of Ranks	Mean Rank
	de	106	12	136,0000
	egm	103	7	54,0000