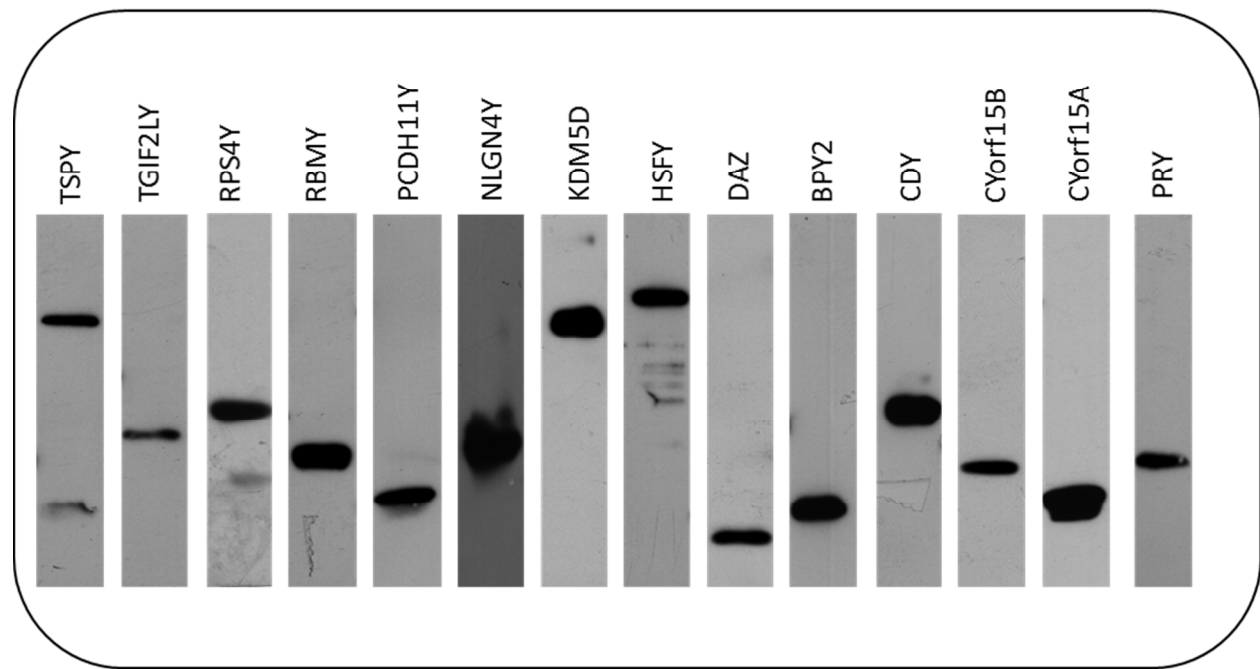


Supplementary Table 1: Transcript-specific primers of genes analyzed by qRT-PCR

	Gene	Forward seq.	Reverse seq.
1	XKRY1	TTCCGAAGGAGGTGGGTTGG	AGTCGTTGCCAGTGCGGATG
2	XKRY2	CTGCTCAACTGTTCTCTGTTGTGG	TCACGGCAAATGACATCAGAATCT
3	XKRX1	TTGGGACCTGTTATCAGATGTTTGG	TCTTTCGGGTGAGGCTGACATAG
4	XKRX2	TCTGTCCCTCAACACTGCATTCTG	GGTTCTCAGGATAGCTCCTCGGAT
5	PRY	CAACCTTCTTTCACTGACACCCACC	TTGTCCTTGAGTGGTCTCTTGGG
6	CXORF15	ACAGTCCGTGATAAAGAGTACAAGGC	GGTGTGCTAAATCCCTGTTTCGC
7	CYORF15A	CCTCCGTCTGGTCAGCAAGC	AAGCAGGAATGTTTCAAGGCAAA
8	CYORF15B	GCACTGAGGGAAGAGGTAAACGGC	GGGCCAAGTGATGCTCCAATTT
9	HSFY1-1	ATCAGTCAATGAGGCTCCATATCG	TCCAGTGGTGATGGTTGAAGAGC
10	HSFY1-3	TTCGGAAGCAGCATTCACTGTGG	GCTCCATCCTTCAGTCTTATGTTTGC
11	HSFX1	AACGGCGTCAATGCACTTTCA	TGTCCTCCTCCTGATGTCTTGGTGC
12	EIF1AY	GGAAGAGGTCTCACGAGGCTGTCAT	GCTTCCAATCGTCCATTTCCCA
13	EIF1AX	TTGTGAGGCAGTGTACTGGAGAGGG	CTCCCAACAATTCTGCATGACAGG
14	RPS4Y21	CAATGGCAACAGCTTTGCCACG	GAGAATTCAGTGTGTTATTTG
15	RPS4Y2	GAAATTCTCACTCATTTGAC	GAAGACATTCCCTCAGCTTGTGA
16	RPS4X	GGTCCTCTTTCCTTGCCTAACGCA	CACTCTCTCAACTTGTGGGGACCG
17	RBMX1A1	TGCCACATAACTTGAGCTACC	ACTCGAGCTGTGGTGATTTTC
18	RBMX1	AAATTCCCTGTAAAGTTCCCC	TTTACTTGGAAGTTACAACACTAGT
19	RBMX2	AGCACACTGGAAACAATTAGG	TCTCCAAACCAATAAAAACTAA
20	RBMXL1-1	CTCTCTTAGCGGTAGAGCAAA	CAGTTAGGAGGACTGAACCG
21	RBMXL1--2	TTCCCGCACCGGATAGGAAC	CAGTTAGGAGGACTGAACCG
22	KDM5C1	AGGAAGAGCTGGAGGAGGAGACTGG	CGGTTCCAAGCCATTCTGGTTCT
23	KDM5C2	ATGAGAACCACAGCATCCCTGAGTC	AGAGGCTACCAGGGAGGGAAGA
24	KDM5D1	ACAAAGTCTCACTGTGTTGAC	ATACTCCTGTAATCCCAACAC

25	KDM5D3	AAGGCTAAATGAACTGGAG	GTGTTACATTGCTTACTAAGG
26	BPY2-2	ACTCTCCTGCTCTGTTTCTGCCCC	CGCTGGGAGTGTCTATAATACTGTGTG
27	BPY2-1	CGGAGTCCAGCACCCAGGTAAA	CGCTGGGAGTGTCTATAATACTGTGTG
28	CDYL2	GCTCTGCCCTGTGTTTCGGAA	CACGAGGAAATGGACACAACCC
29	CDY1-1	GCCAATGAGAGAGAGTGTGAGGTGC	CCCTTAGTTCTTGTGTCCTGAGCAG
30	CDY1-2	GCCAATGAGAGAGAGTGTGAGGTGC	TCTGGGAGGGAAGGCTGCTT
31	DAZ1	TGTTCCAGCGGACTTCACCAGC	TTGCAGCAGACATGGTGGTGGC
32	DAZL-1	CGTGGCTCCGCAAGATGGC	TACAGGGACCAGGAGGGAACCA
33	DAZL-2	CCTCAGCCTTGTCAACCCGC	AGACATGATGGCGGCAGGCA
34	BOLL-1	ACGCAGTCCGCTTCTCCCC	GACGCGGGGTAGGGAAGAA
35	BOLL-2	AAATTTCTCGCTGGCTAG	GGTTTGATGTTTGCGTCG
36	USP9Y	GACCCTTGTGTATCAGCAGCATTTT	GCTGCCCAGTAATGACTAAGTCCA
37	USP9X	CCCAGTGCAAAGCAATGAAACG	TGCTCTCTTCCATTTCTATCTGCTGC
38	DDX3Y-1	AACCCTGTCAAGTCTGTGAGCCTC	GCGATCCACGGTGGTTTGAATACA
39	DDX3Y-2	CGCTATTCGGTCTCACACCTACAGT	CCCTTTGCTCGCTGTACTTGCT
40	DDX3X-1&2	AAGTACAGCCAGCAAAGGGCG	CCCCTTGATCCACTTCCACGA
41	DDX3X-3	GGAAGTACAGCCAGCAGTTTCTACG	GCCATCGTAATCACTCCGTCCAC

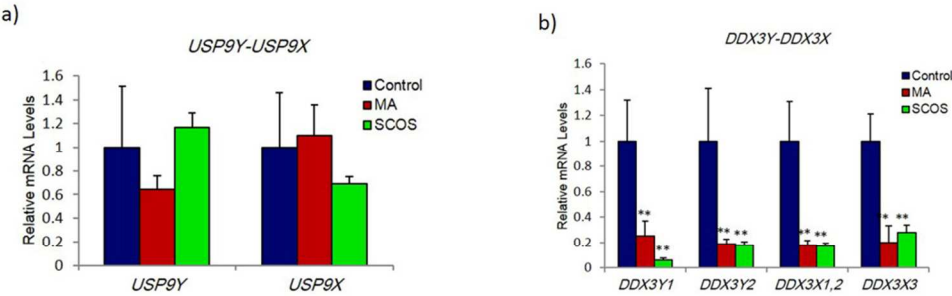
Supplementary Figure 1: Homemade polyclonal antibodies validation, About 20 ng recombinant protein was loaded on SDS-PAGE followed by electro-transfer to PVDF membrane. Blotted membranes were incubated with corresponding generated antibodies as primary antibody



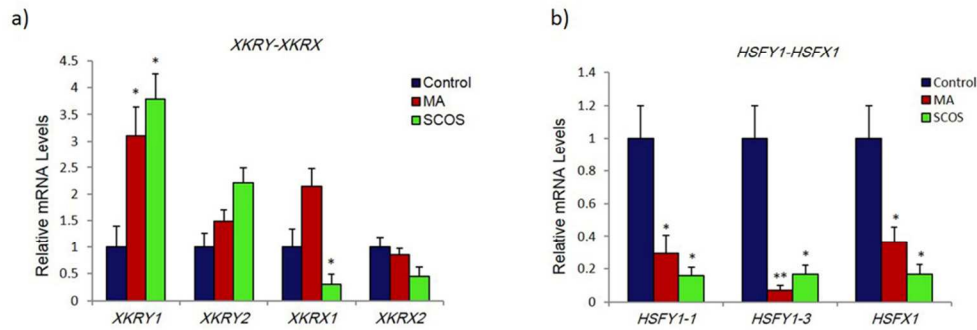
Supplementary Figure 2: Graphs showing the relative mRNA expression of studied genes.

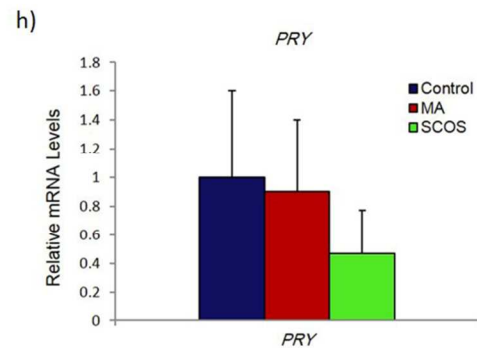
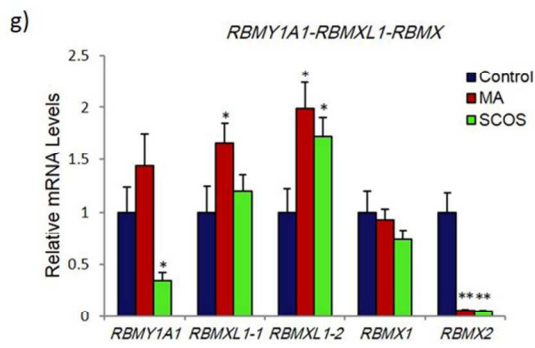
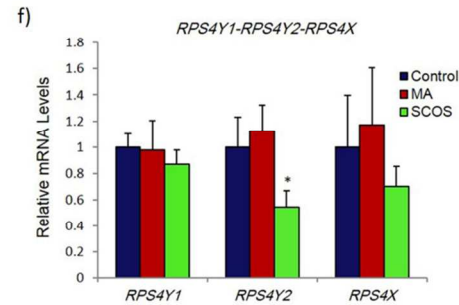
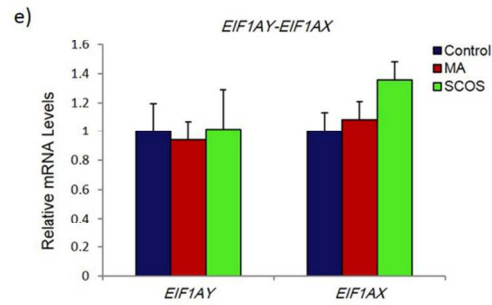
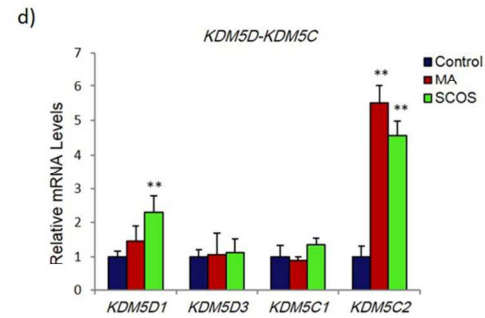
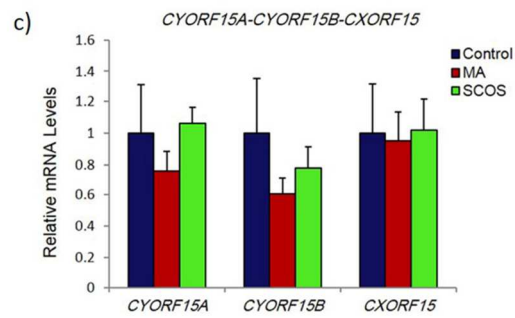
Numbers 1, 2, 3 are related to AZFa, AZFb and AZFc, respectively (mean±SE; * P<0.05; **P<0.01).

1)



2)





3)

