## Petersen DC, et al. Complex Patterns of Genomic Admixture within Southern Africa

1 2 3 4	5 6 7	log(pValue)
1		1. Cell differentiation
2		2. Tissue remodeling and wound repair
3		3. Calcium signaling
1		4. Vasodilation
5	-	5. Neurotransmission
6		6. Mitogenic signaling
7		7. Vasoconstriction
3		8. Cardiac Hypertrophy
)		9. Nicotine action
0		10. Vascular development (Angiogenesis)
1		11. Inflammatory response
2		12. Protein synthesis
3		13. Cystic fibrosis disease
1		14. Diuresis
5		15. Immune system response
6		16. Apoptosis
7		17. Blood clotting
3		18. Myogenesis regulation
9		19. Transcription regulation
D		20. Androgen signaling
		21. DNA-damage response
2		_ 22. Estrogen signaling
3		23. Hematopoiesis
4		24. Hypoxia response regulation
5		25. Nucleotide metabolism and its regulation
6		26. Cell cycle and its regulation
-		27. Spermatogenesis
3 <b></b>		28. Protein degradation
9		29. Nuclear receptor signaling
		30. Oxidative stress regulation
1_		31. Cholesterol and bile acid homeostasis
2		32. Energy metabolism and its regulation
3_		_ 33. Visual perception
4		34. Phospholipid Metabolism
5_		_ 35. Retinoid signaling
6		36. Lipid Biosynthesis and regulation
7		37. Aminoacid metabolism and its regulation
3		38. Vitamin and cofactor metabolism and

**Figure S6. Significantly enriched biologically relevant pathways of genes that distinguish Ju/'hoan and Yoruba.** Significant ancestry informative markers that distinguish the hunter-gatherer Ju/'hoan in our study from a representative of agriculturally-defined Yoruba, defined by a –log P value greater than 5, that are most significantly represented within genes grouped within biologically relevant pathways.