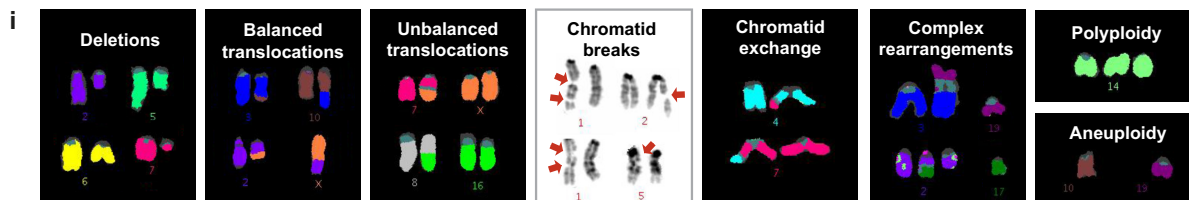
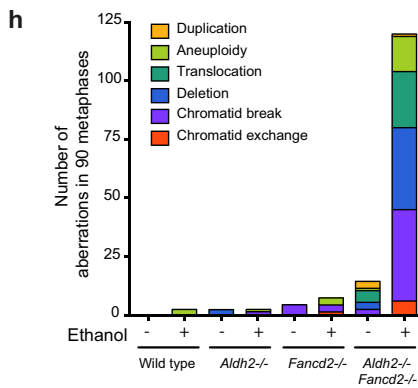


f Untreated

Wild type	0/30
	0/30
	0/30
<i>Aldh2</i> ^{-/-}	0/30
	0/30
	2/30 40,XX, Del(2)
	40,XX, Del(13)
<i>Fancc2</i> ^{-/-}	0/30
	1/30 40,XY, Chtb(X), Chtb(4)
	2/30 40,XY, Chtb(2)
	40,XY, Chtb(5)
<i>Aldh2</i> ^{-/-} <i>Fancc2</i> ^{-/-}	7/30 40,XY, Der(X)T(X;2), Der(2)T(X;2)
	40,XY, T(12;17), Dp(16), Del(16)
	40,XY, Der(8)T(8;14)
	40,XY, Dp(2)
	40,XY, Dp(2), Chtb(1)
	40,XY, Del(6)
	40,XY, Der(1)T(1;5), Der(5)T(1;5), Der(13)T(2;13)
	2/30 40,XY, Dp(16)
	40,XY, Chtb(X)
	2/30 40,XY, Del(2)
	39,XY, -19, Rb(12;19)

g 48 hours after Ethanol IP (5.8 g/kg)

Wild type	2/30 39,X,-Y
	39,X,-Y
	0/30
	0/30
<i>Aldh2</i> ^{-/-}	0/30
	0/30
	1/30 41,XX,+9, Chtb(9)
<i>Fancc2</i> ^{-/-}	4/30 40,XY, Chtb(4)
	40,XY, Chte(11;4)x1
	41,XY, +11
	41,XY, +7
<i>Aldh2</i> ^{-/-} <i>Fancc2</i> ^{-/-}	22/30 40,XY, Del(13)
	39,XY, -8, Del(2), T(8;15)
	40,XY, -1, Del(7), Del(17), +Del(15)
	40,XY, -2, +T(3;11)
	40,Y, Del(X), Del(6), T(7;11)
	40,XY, Del(1), Der(13)T(2;13)
	40,XY, Chte(5;18)x2, Chte(2;12)
	40,XY, Chte(9;17), Del(5), Chtb(8), Chtb(9)
	40,XY, Chte(13;14), Chtb(3)
	40,XY, -9, Chtb(15)
	40,XY, Del(12), Chtb(7), Chtb(12), Chtb(13)
	40,XY, Del(2), Der(17)T(16;17), Chtb(10)
	40,XY, Dp(4), Del(5), Chtb(2)
	40,XY, Del(X), Chtb(4)
	40,XY, Del(5), Chtb(14)
	41,XY, -6, +15, Del(14), Chtb(15), Der(X)T(6;X)
	40,XY, Chtb(1), Chtb(14)
	40,XY, Chtb(12)
	40,XY, Chtb(6)
	40,XY, Chtb(4)
	40,XY, Chtb(9)
	40,XY, Chtb(6)
	17/30 40,XX, Der(6)T(1;6)
	40,XX, Del(12)
	40,XX, Chte(4;7)x2
	40,XX, Del(6), Der(12)T(6;12)
	40,XX, Del(2), Chtb(13)
	40,XX, Del(13), Der(16)T(1;16)
	40,XX, Chtb(5)
	40,XX, Chtb(1)
	39,XX, -12, Del(4), Der(7)T(7;15), Der(15)T(7;15)
	40,XX, Del(2), Chtb(7)
	40,XX, Chtb(19)
	40,XX, Del(X)
	40,XX, Del(7), Chtb(1); Chtb(9); Chtb(16)
	39,XX, -11, Del(10), Der(14)T(10;14)
	40,XX, Del(4)
	40,XX, Chtb(1)
	40,XX, Del(1)
	15/30 39,XX, Der(8)T(8;18), Der(10;19)
	40,XX, Del(5), Der(8)T(8;16), Chtb(X)
	40,XX, Del(14), Der(18)T(6;18)
	40,XX, Del(6)
	40,XX, Chtb(2)
	40,XX, T(X;7), Del(2)
	40,XX, -6, +Del(17), Chtb(14)
	40,XX, -17, +Del(2), Der(2)T(2;17)
	40,XX, Del(7), +14, Chtb(16)
	40,XX, Der(7)T(4;7), +Del(8), ...
	...Chtb(1), Chtb(2), Chtb(15)
	40,XX, Del(X), Der(3)T(3;10), ...
	...Der(10)T(3;10), Chtb(2), Chtb(3), Chtb(10)
	39,XX, -1, Der(12)T(9;12)
	40,XX, Del(10), Chtb(6)
	40,XX, Der(3;19), -19
	40,XX, -10, dic(18;18)



Extended Data Figure 1 | See next page for caption.