Process	*Specific Defect*	*Coding #*
Chromatin Condensation	chromatin hypercondensed in oocytes	1
	chromatin decondensed in proximal oocytes	3
	pachytene chromatin abnormally condensed	10
	oocyte chromatin abnormally condensed	15
	chromatin decondensed throughout gonad	18
Nuclear Structure	fragmented nuclei	4
	irregular nuclear shape	5
	pachytene nuclei enlarged	14
	diakinesis nuclei fail to enlarge	17
Meiotic progression	shortened diplotene region	2
	premature diakinesis	6
	randomized nuclear stages	7
	pachytene throughout gonad	8
	shortened diakinesis region	9
	absent diplotene	11
	pachytene region interupted with abnormal nuclear stage	12
	pachytene extends to turn	13
	progression through diplotene abnormal	16
Nuclear Position	nuclei irregularly positioned in proximal ooctyes	19
	nuclear spacing disrupted prior to expansion	21
	nuclear fallout	24
	nuclei irregularly positioned in compartments	25
	nuclei unevenly distributed	27
Multinucleation/anucleation	multinucleated oocytes	20
	multinucleated compartments	22
	nuclear clustering	23
	anucleate compartments/oocytes	26
Rachis Structure	narrow rachis	28
	enlarged vesicles at proximal end of rachis	29
	convoluted rachis	30
	absent rachis	31
	vesiculated rachis	32
	wide rachis	33
	wide, extends to gonad surface	34
	rachis constriction in proximal region delayed	35
Compartment Structure Distal To or At Turn	compartments distal to turn vary in size	36
	small compartments proximal to turn	37
	vesiculation in compartments distal to turn	38
	compartments absent distal to turn	39
	partitions incomplete throughout distal region	40
	enlarged compartments distal to turn	41
	budded compartments present in surrounding sheath, distal to turn	42
	rounded compartments distal to turn	43
	ring canal absent distal to turn	44
	compartment junctions irregular distal to turn	45
	internal compartments in rachis distal to turn	46
	partitions incomplete in pachytene region	48
	vesiculation at turn	53
	anucleate compartments at turn	54
	partitions absent at turn	55

	budded compartments present in surrounding sheath at turn	57
Compartment Expansion	premature compartment expansion- no syncytial compartments in imaged region	47
	premature compartment expansion prior to turn- compartments still visible	49
	delayed compartment expansion at turn	50
	incomplete compartment expansion at turn	51
	no compartment expansion at turn	52
	abrupt compartment expansion	58
Oocytes	irregular size oocytes	59
	increased oocyte number	60
	decreased oocyte number	61
	proximal oocytes deformed	62
	oocyte juctions irregular	63
	oocytes small	64
	oocytes rounded	65
	oocytes large	66
	no oocytes formed	67
	proximal oocytes lack partitions	68
	oocyte budding delayed	94
Apoptosis	apoptosis reduced	69
	apoptosis increased	70
	apoptosis absent	71
	apoptosis distribution is clustered	72
	accumulation of apoptotic intermediates	73
Gonad size/structure	L4 like gonad	74
	distal constrictions in gonad	75
	gonad pathfinding defect	76
	small gonad	77
	extraneous germline material of unknown origin	78
	degenerate gonad	79
Internal membranes	Internal PI4,5P2 debris	80
	peri-nuclear PI4,5P2 accumulation	81
	internal PI4,5P2-labelled ring structures	82
	soluble PI4,5P2 throughout gonad	83
	Internal PI4,5P2-labelled punctate structures	84
	soluble PI4,5P2 in proximal oocytes	85
	soluble PI4,5P2 in the rachis	86
	PI4,5P2 accumulation in nucleus	87
	PI4,5P2 accumulation in cytoplasm or nucleus- general	93
Nuclear size		
	proximal nuclear size moderately small (<70% normal)	88
	proximal nuclear size small (<50% normal)	89
	proximal nuclear size tiny (<20% normal)	90
	proximal nuclear size moderately large (>120% normal)	91
	proximal nuclear size large (>140% normal)	92
Sterility	sterile	95