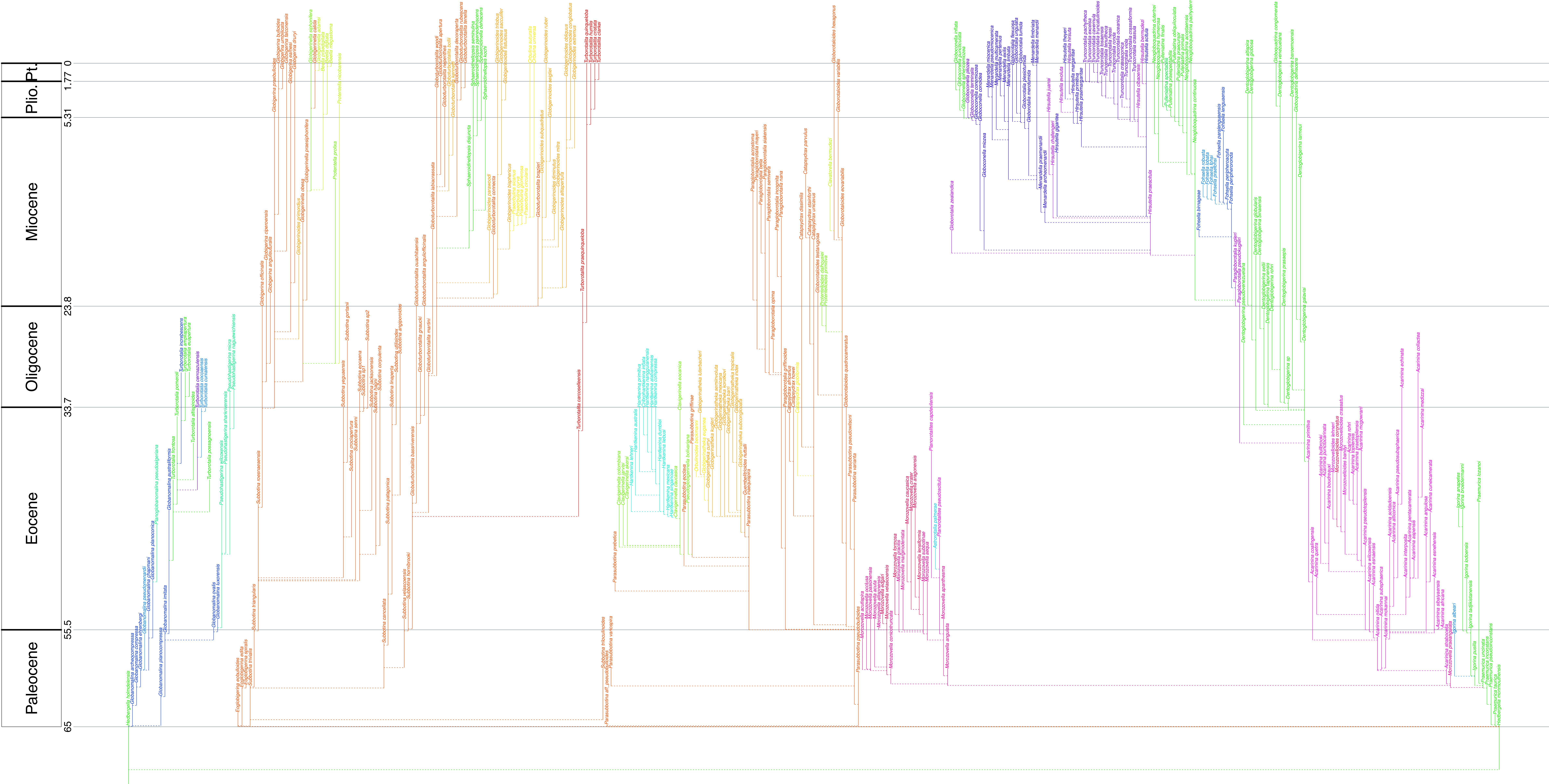


Aze et al. – a phylogeny of Cenozoic macroperforate planktonic foraminifera from fossil data

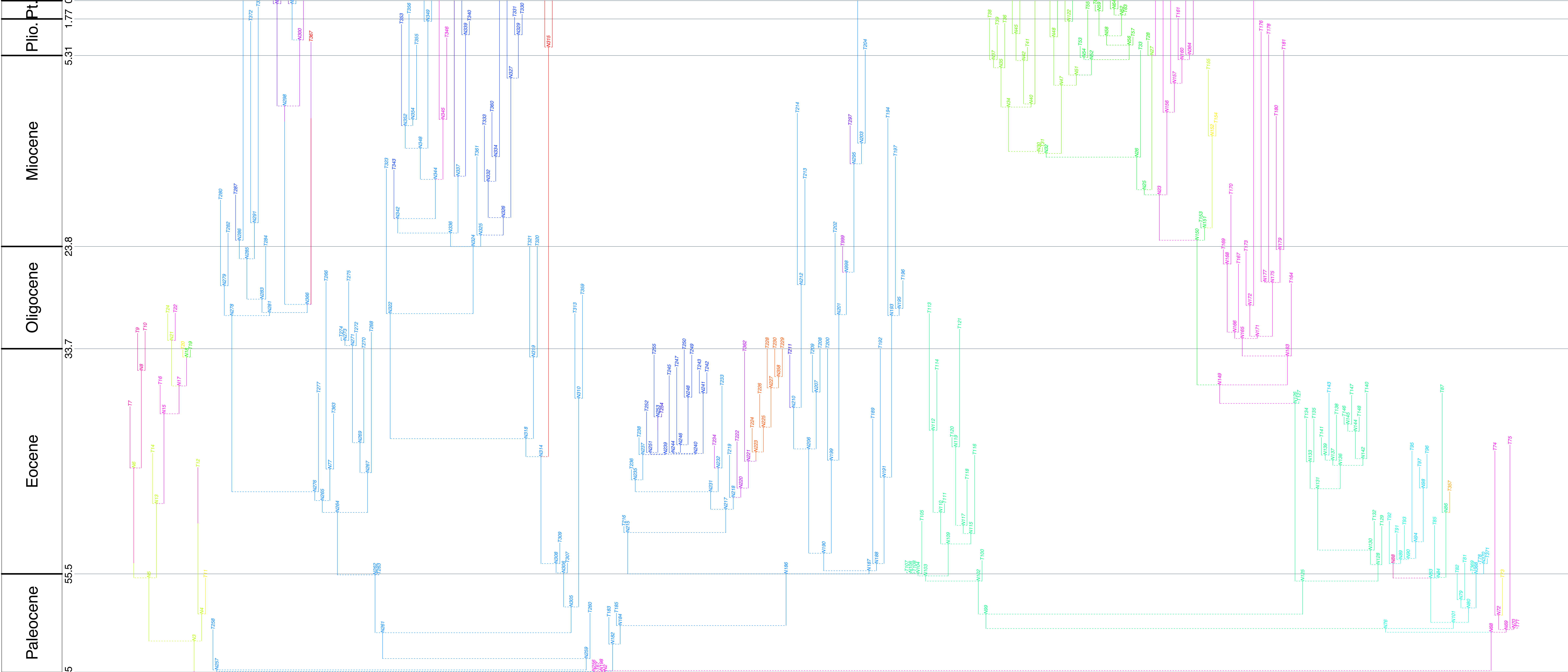
Figures illustrating the assignment of the different morphospecies and lineages within the phylogenies (budding/bifurcating morphospecies phylogeny, fully bifurcating lineage phylogeny and budding/bifurcating lineage phylogeny) to their respective morphogroups.

<div></div>	Spinose, flat	e.g.: <i>Turborotalita</i>
<div></div>	Spinose, globular	e.g.: <i>Subbotina</i> , <i>Globigerina</i> , <i>Globoturborotalita</i>
<div></div>	Spinose, globular with supplementary apertures	e.g.: <i>Globigerinoides</i> , <i>Globigerinatheka</i> , <i>Guembilitriodes</i>
<div></div>	Spinose, spherical	e.g.: <i>Praeorbulina</i> , <i>Orbulina</i> , <i>Orbulinoides</i> , <i>Globigerinatheka</i>
<div></div>	Spinose, clavate	e.g.: <i>Beella</i>
<div></div>	Spinose, planispiral	e.g.: <i>Globigerinella</i>
<div></div>	Non–spinose, globular	e.g.: <i>Globoquadrina</i>
<div></div>	Non–spinose, globular and keeled	e.g.: <i>Pulleniatina spectabilis</i>
<div></div>	Non–spinose, planispiral	e.g.: <i>Pseudohastigerina</i>
<div></div>	Non–spinose, tubulospinate	e.g.: <i>Hantkenina</i>
<div></div>	Non–spinose, keeled spines	e.g.: <i>Astrorotalia</i>
<div></div>	Non–spinose, turborotaliform and keeled	e.g.: <i>Turborotalia</i> , <i>Truncorotalia</i> , <i>Fohsella</i>
<div></div>	Non–spinose, turborotaliform and non–keeled	e.g.: <i>Hedbergella</i>
<div></div>	Non–spinose, globorotaliform and keeled	e.g.: <i>Menardella</i>
<div></div>	Non–spinose, globorotaliform and anguloconical	e.g. some <i>Truncorotalia</i>
<div></div>	Non–spinose, globorotaliform and non–keeled	e.g.: <i>Hirsutella</i>
<div></div>	Non–spinose, muricate and acariniiform	e.g.: <i>Acarinina</i>
<div></div>	Non–spinose, muricocarinate and keeled	e.g.: <i>Morozovella</i> , <i>Morozovelloides</i>
<div></div>	Non–spinose, muricocarinate and anguloconical	e.g.: <i>Morozovella</i> , <i>Morozovelloides</i>

Budding/Bifurcating Morphospecies Phylogeny



Fully Bifurcating Lineage Phylogeny



Budding/Bifurcating Lineage Phylogeny

